

Public Health Education Collaborative



July 6th, 2010

Welcome

Sylvia Estafan

Health Education Administration



...Your one-stop shop for all your health education needs.



Introductions

- Name
- Title
- Organization



Housekeeping

- Bathrooms
- Sign-in/Sign-out
- CHES
- CEUs
- Evaluations
- Food



Ground Rules

- Limit cell phone use
- Respect time
- Raise hands for questions/comments
- Respect one another
- Agree to disagree
- Differentiate between fact and opinion



Morning Agenda

Timeframe	Content
9:00am-9:30am	Introductions and Overview
9:30am-9:45am	Icebreaker
9:45am-10:45am	DPH Science Summit
10:45am-11:00am	Wellness Break
11:00am- 12:00pm	Journal Club



Afternoon Agenda

Timeframe	Content
1:00pm-1:15pm	Wellness Break
1:15pm-2:00pm	Journal Club Re-cap
2:00pm-3:00pm	DPH Chief Science Officer
3:00pm-3:30pm	Wrap-up & Evaluations



Today's Key Objectives

By the end of this session, participants will be able to...

1. Identify at least one purpose for the first annual Department of Public Health Science Summit
2. Identify at least one follow-up activity resulting from the Science Summit.
3. Review a peer reviewed publication discussing barriers to translating theory to everyday practice.
4. Discuss recommendations for translating theory to everyday practice.
5. List at least one function of the Department's Chief Science Officer.
6. Identify at least one program found within the division managed by the Chief Science Officer.



Icebreaker



Sylvia Estafan
Health Education Administration



DPH Science Summit Presentation

Public Health Education Collaborative Meeting
July 6, 2010

Betsy Swanson Hollinger, MPH
Manager, Public Health Training Unit
ODT



Learning Objectives

By the end of this presentation you will be able to:

1. Name the four units in ODT
2. Explain two justifications for a DPH Science Summit
3. List 2 Oral Panel Session Titles
4. Describe 3 outcomes from the Summit evaluation



Today's Points

1. What's ODT and what do we do?
2. Why a Science Summit?
3. Planning the Summit
4. Implementation Day
5. Evaluation
6. Lessons Learned/Next Steps

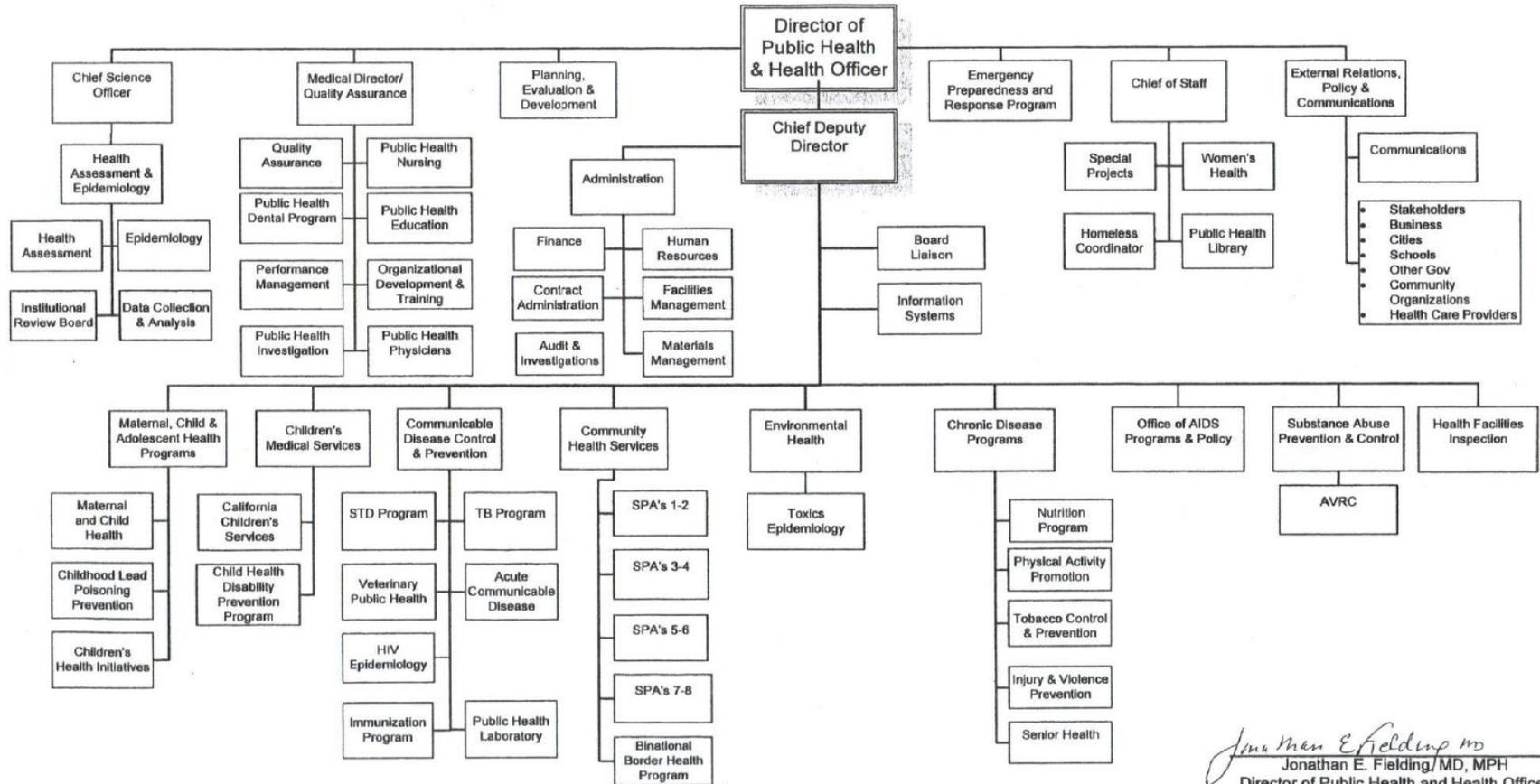


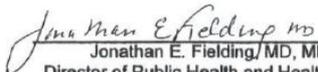
What's ODT

- Division: Quality Improvement/Assurance
- Director: Noel Bazini Barakat
- Units:
 - Public Health Training Unit
 - Leadership Unit
 - Technology Unit
 - Emergency Preparedness and Response Training Unit



LOS ANGELES COUNTY – DEPARTMENT OF PUBLIC HEALTH




 Jonathan E. Fielding, MD, MPH
 Director of Public Health and Health Officer
 February 8, 2010

Public Health Training Unit (PHTU)

UNIT GOAL: LA COUNTY DPH EMPLOYEES WILL HAVE OPPORTUNITIES TO INCREASE AWARENESS OF HOW THEIR WORK ALIGNS WITH THE DPH MISSION.

1. New Employee Orientation Day 2
2. Core Functions
3. Customer Service
4. MPH Internship Coordination
5. HIPAA
6. Public Health Trends
7. Distributing opportunities to increase knowledge and skills of Public Health concepts



Other Units

- Leadership
 - Supervisor Development Program, 7 Habits-Covey, Crucial Confrontations/Conversations, Emotional Intelligence, Public Speaking, etc.
- Technology
 - Video, Mediasite, Evaluation, Learning Net
- EPRP
 - FEMA, DSW, JITT, Prep 102, etc.



Why a DPH Science Summit

The culmination of:

- Several years of growing interest within the department of why science is important
- Evidence Based Research and Programming
 - To utilize our limited resources (including time) in the best manner possible
 - Avoid the costs of investing in bad/poor science
 - To continue to improve what we do
 - To keep us focused on achieving desired outcomes
- The NEW Chief Science Office collaborating with ODT, QID, Director's Office
- Showcase scientific work in the Department



Planning Highlights

- Marketing
- Call for Abstracts
- Abstract Review/Selection
 - Evidence based/ Scientific Methodology
 - Alignment with the DPH Mission
 - Potential for large scale change
- Speaker Confirmation
- Registration
- Site Logistics
- Moderator Selection
- Judging Selection
- Evaluation
- Mentor Program



Matching Game!



Department of Public Health
Science Summit

March 17, 2010
The California Endowment

The purpose of the DPH Science Summit is to feature and promote excellence in scientific work within the Department. DPH professional staff will share with and learn from one another about cutting edge and innovative best practices within the Department.

AGENDA

7:30am-8:00am Registration *Joshua Tree*

8:00am-9:15am Welcome & Plenary Session
Yosemite A&B

Jonathan Fielding, MD, MPH
Director, Department of Public Health
Welcome
Importance of Science in Public Health

Jan King, MD, MPH
Area Health Officer SPA 5/6
Health Equity

9:15am-10:00am Poster Sessions
Yosemite Foyer

10:00am-11:30am Oral Presentations

11:30am-12:30pm Lunch On Your Own

12:30pm-1:00pm Networking *Yosemite Foyer*
Registration *Joshua Tree*

1:00pm-2:00pm Plenary Session
Yosemite A&B

Steven Teutsch, MD, MPH
Chief Science Officer
Driving Science into Public Health Programs

Tony Kuo, MD, MSHS
Director, Office of Senior Health
Projected Medical Treatment Costs of Diabetes in LAC

Heena Hameed, MPH
Office of Health Assessment & Epidemiology
Potential Gains in Life Expectancies from Reductions in Leading Causes of Death in LAC

2:00pm-2:30pm Poster Sessions
Yosemite Foyer

2:30pm-4:00pm Oral Presentations

4:00pm-5:00pm Closing/Awards Ceremony

Morning Oral Presentations

Session 1: Determinants of Health

Room: Yosemite A&B Moderator: Paul Simon

1. *Alcohol Outlets in LAC: Implications for Prevention* Substance Abuse Prevention & Control; Qian Guo, Yolanda Cordero
2. *Economic Hardship and Obesity* Division of Chronic Disease and Injury Prevention; Margaret Shih, Paul Simon
3. *Healthy Environments through Policy and Environmental Change: Experiences from the PLACE Program* Policies for Livable & Active Communities & Environments; Jean Aramburster, Gayle Haberman, Louisa Franco, Katherine Magvane, Paul Simon
4. *Designing Healthy and Active Communities through General Plans* SPA 7/8; Christine Gibson

Session 2: Assessing Risk and Disease AM

Room: Catalina Moderator: David Dassey

1. *The Effectiveness of a Multi-Lingual Telephone-Based Cardiovascular Risk Assessment for Urban Low-Income, Uninsured Women in LAC* Office of Women's Health; Susan Nyantzi, Xinyin Li, Ariel Chen, Ellen Eidem
2. *Verification of FDA-Approved Home Mailed Self-Collected Vaginal Swabs for Rectal Chlamydia and Gonorrhea using GEN-PROBE APTOMA COMBO 2 with TIGRIS Testmate* Public Health Laboratory; Ruel Torres, Taylor Mandi, Manau WaKahongo, Sue Sabot
3. *Evidence of Rickettsia Massiliae in Dogs in LAC* Veterinary Public Health, Environmental Health, Western University Veterinary Center; Emily Beeler, Gail Vargason, Michele Stueben, Maria Zambano, Kyle Abramovich, Marina Eremova, Margaret Barr, Linda Kedd, Nada Khalaf
4. *Using Syndromic Surveillance for Influenza-Like Illness Reporting in LAC* Acute Communicable Disease Control; Patricia Araki, Bessie Hwang, Long Tai, Megan Jones, Raymond Allen

Session 3: Achieving Public Health Outcomes through Collaboration

Room: Redwood Moderator: Debbie Davenport

1. *A Unique Collaborative including LAC DPH, a School District, and Community Clinics Providing a Flu Immunization Program and a Model for Community Disaster Response in 2008* SPA 1/2, Los Angeles Unified School District, El Proyecto del Barrio; Suzanne Gero, Nandini Sodhi, Janis Lake, Karen Proctor, Shafeeq Shamsid-Deen
2. *Performance of a Community Embedded PHI Model Compared with a Traditional PHI Model: The LA Experience* Sexually Transmitted Disease Program, Gay and Lesbian Center; Frank Ramirez, Ellen Rudy, John Cross, Getahun Ayalew, Peter Kerndt
3. *Use of Multiple Rapid HIV Test in One Visit to Increase Receipt of a Final Result and Improve Referral to Care* Office of AIDS Program & Policy, Sexually Transmitted Disease Program, SPA 5/6; Jacqueline Rurangirwa, Mike Janson, Saloni James, Peter Kerndt, Jan King
4. *Reducing Maternal Hemorrhage: A Multi-Tiered Approach* Maternal, Child & Adolescent Health; Diana Ramos, Paymon Ebrahimzadeh, Giannina Dountoni, Cynthia A. Harding

Afternoon Oral Presentations

Session 1: Health Equity

Room: Redwood Moderator: Anna Long

1. *Race and HIV: When Risky Behaviors Can't Explain HIV Disparities* Office of AIDS Programs & Policy; Min Kim, Pamela Ogata, Mike Janson
2. *Tobacco-Related Disparities Among Racial and Ethnic Groups in LAC: The Case for Change* Division of Chronic Disease & Injury Prevention; Linda Aragou, Mark Weber, Donna Sze, Paul Simon
3. *Racial and Ethnic Disparities in Maternal Depression During Pregnancy: Final Results from the LAMB Project, 2005* Maternal, Child & Adolescent Health; Chandra Higgins, Shin Margaret Chao, Gina Dountoni, Cynthia Harding
4. *The Association of Stigma with Self-Reported Access to Medical Care and Antiretroviral Therapy Adherence in Persons Living with HIV/AIDS* Office of AIDS Programs & Policy, UCLA, Drew University; Jennifer N. Sayles, Mitchell D. Wong, Jami J. Kinsler, David Martin, William E. Cunningham



Session 2: Assessing Risk and Disease PM

Room: Yosemite A&B Moderator: Mario Perez

1. *Unusual Death Surveillance System - Real Time Monitoring of Infectious Disease-Related Coroner's Case Deaths in LAC* Acute Communicable Disease and Control; Lorraine Sinerros, Ashley Peterson, Sharon Sakamoto, Dawn Terahita, David Dassey, Laurene Mascola
2. *Prevalence of Rectal Chlamydia and Gonorrhea among High Risk Female Youth: An Evaluation of Multi-Site Testing at Juvenile Detention Facilities in LA* Sexually Transmitted Disease Program; Binh Y. Goldstein, Sarah L. Guerry, Melina R. Boudov, Ali Stuland, Getahun Ayalew, Peter R. Kerndt
3. *A New Approach to Fetal Infant Mortality Review for Use with Large, Diverse and Dispersed Populations: LA Health Overview of a Pregnancy Event (LAHOPE) Project* Maternal, Child & Adolescent Health; Shin Margaret Chao, Cathleen Bemis, Marjan Eldahaby, Chandra Higgins, Cynthia Harding
4. *Collaborative Public Health and Law Enforcement Investigation of Food-Borne Illness due to Inadvertent Marijuana Consumption in Browns: Toxics Epidemiology*; Stella Fogleman

Oral Panel Sessions

- Social and Physical Determinants of Health
- Assessing Risk and Disease (AM)
- Achieving PH Outcomes through Collaboration
- Health Equity
- Assessing Risk and Disease (PM)
- Methods to Prevent Disease
- Enhancing PH Practice

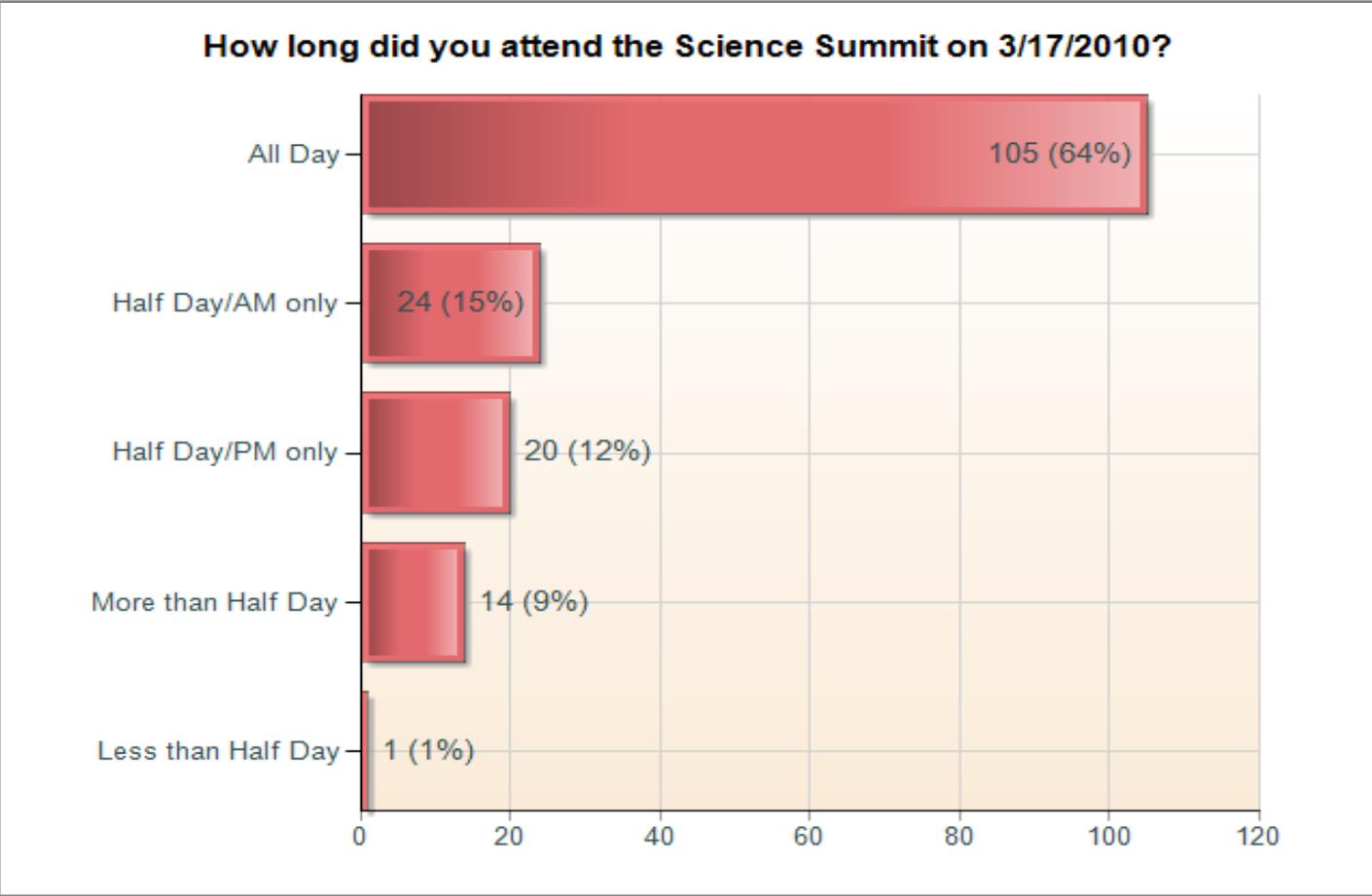


Science Summit: Background Data

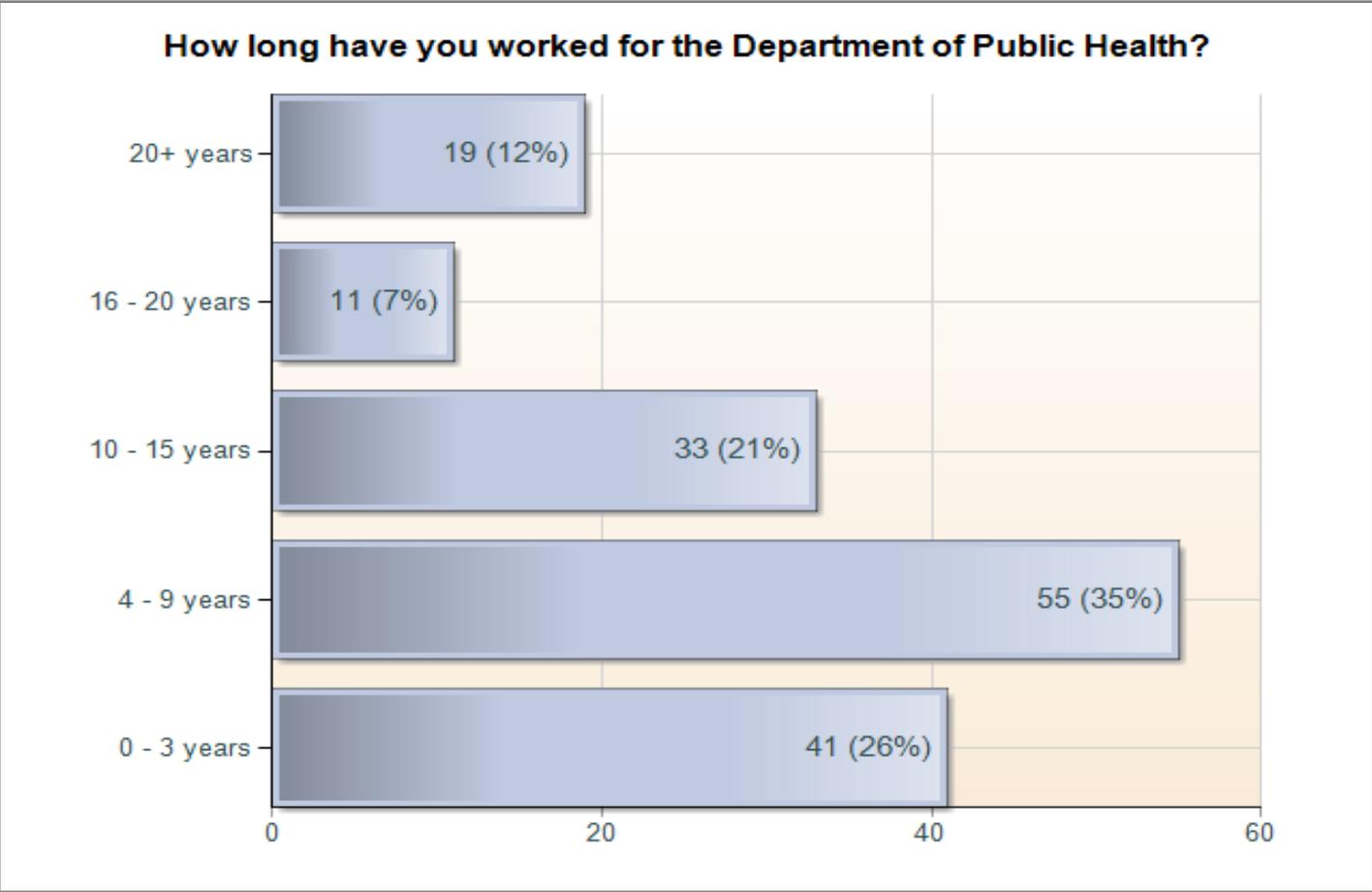
- Number of participants at summit – 234 total for the day
- Number of ARS respondents- 125-161 (53%-69% response rate)
- Number of respondents to online survey – 164 (70% response rate)
- Number of DPH employee respondents to online survey - 159



Department of Public Health Science Summit: How long did you attend the Science Summit on 3/17/2010?



Department of Public Health Science Summit: How long have you worked for the Department of Public Health?

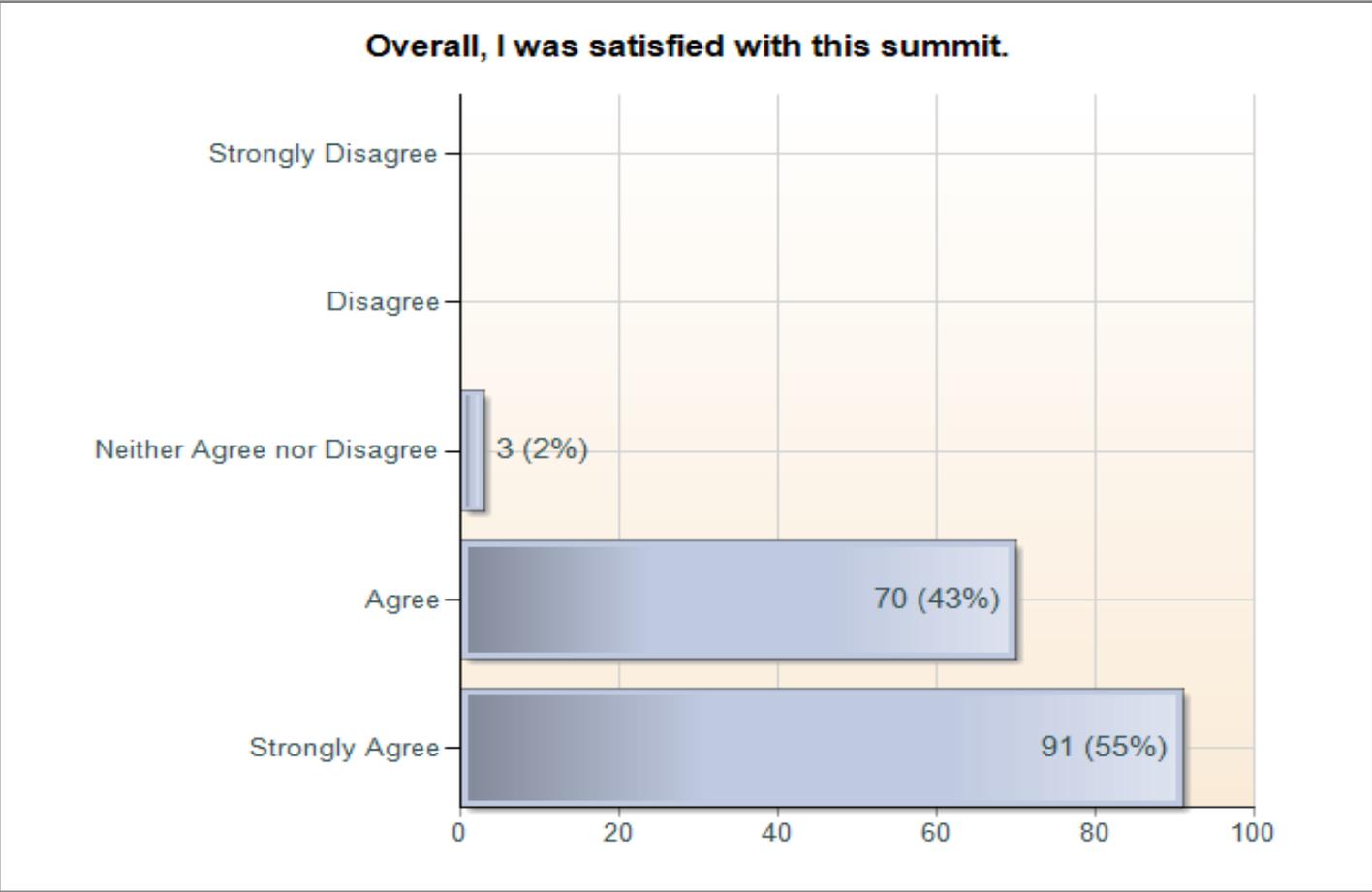


Results

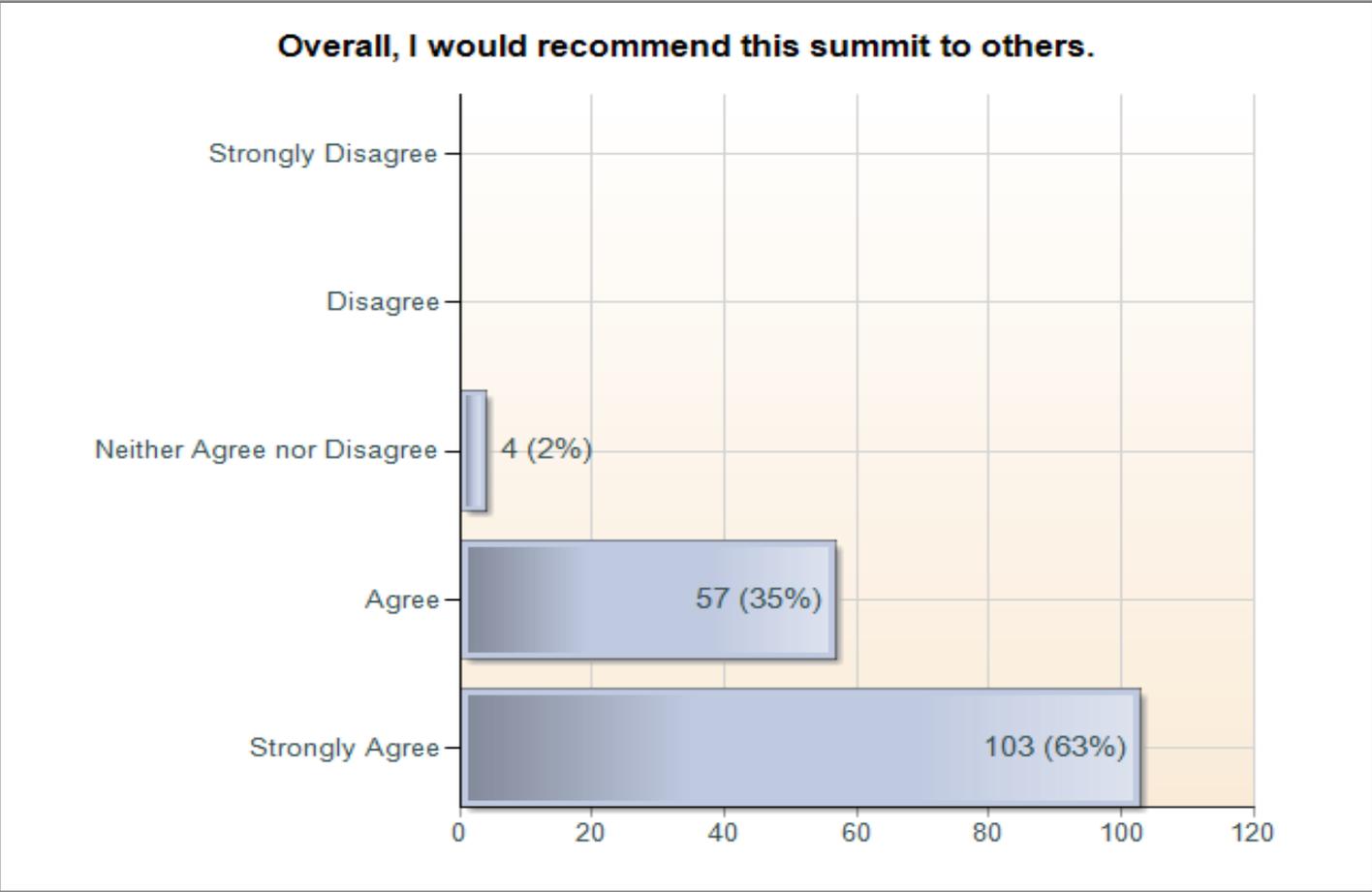
Reaction to the Summit



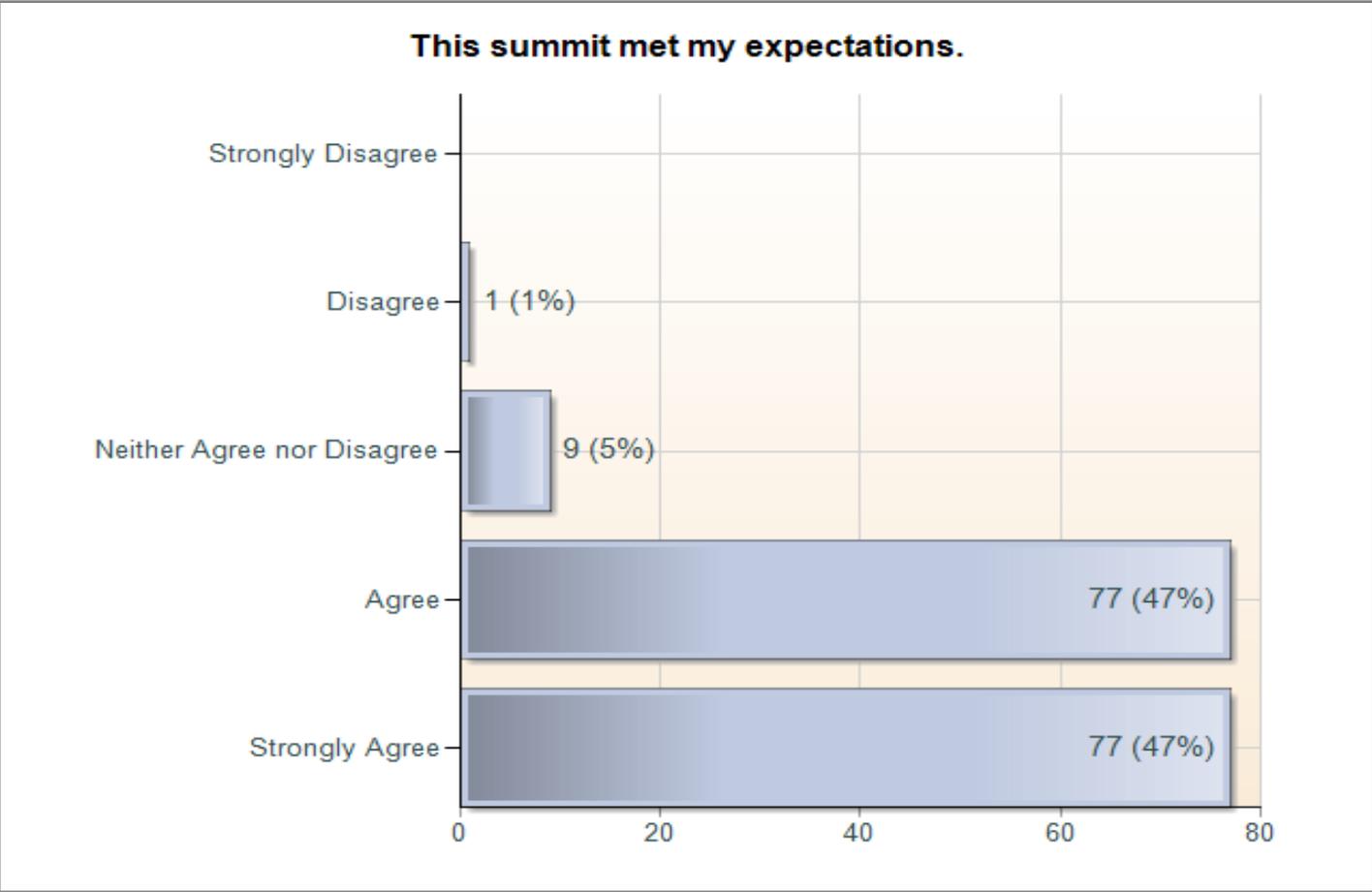
Department of Public Health Science Summit: Overall, I was satisfied with this summit.



Department of Public Health Science Summit: Overall, I would recommend this summit to others.



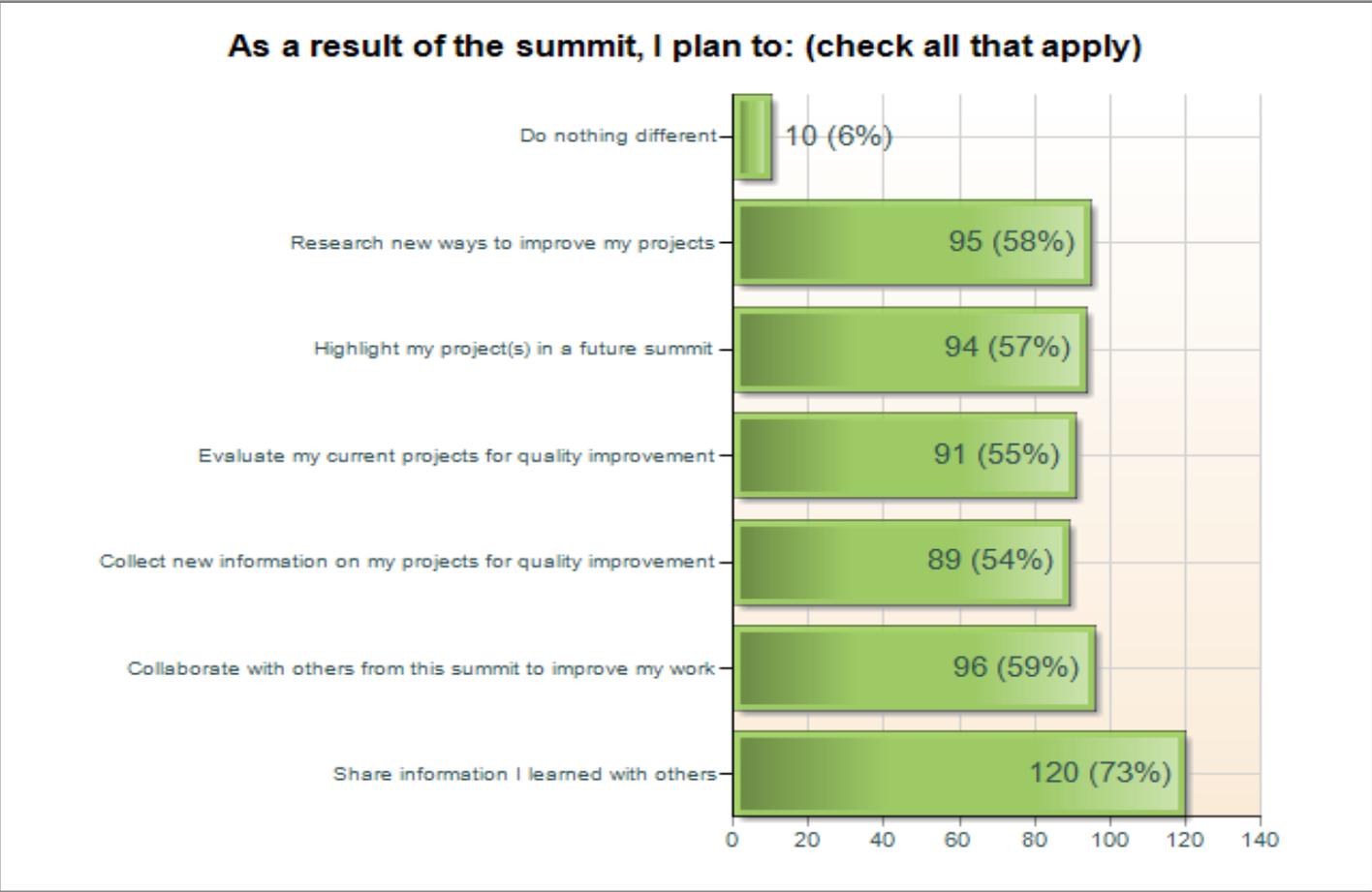
Department of Public Health Science Summit: This summit met my expectations.



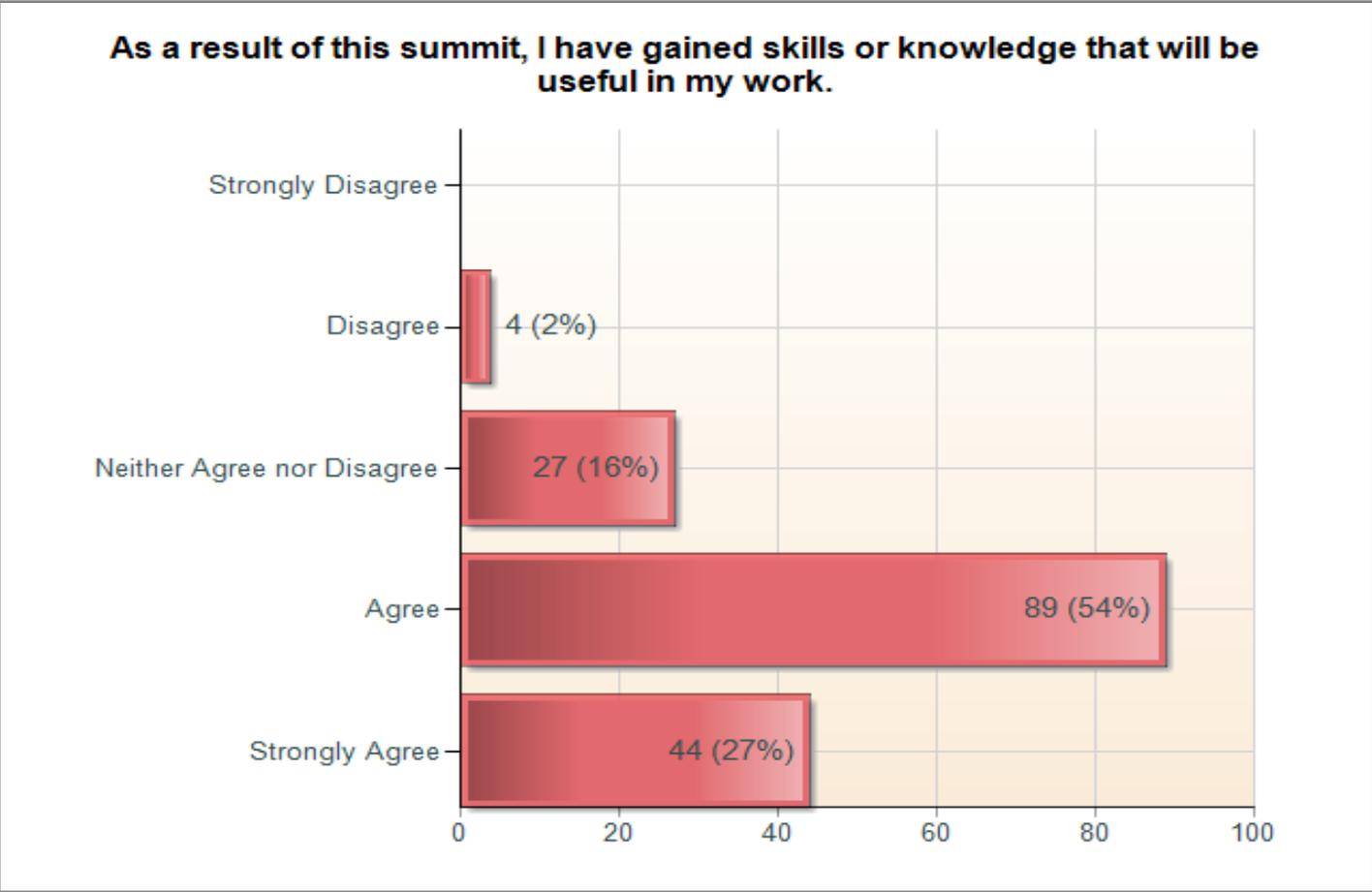
Plans for behavior change



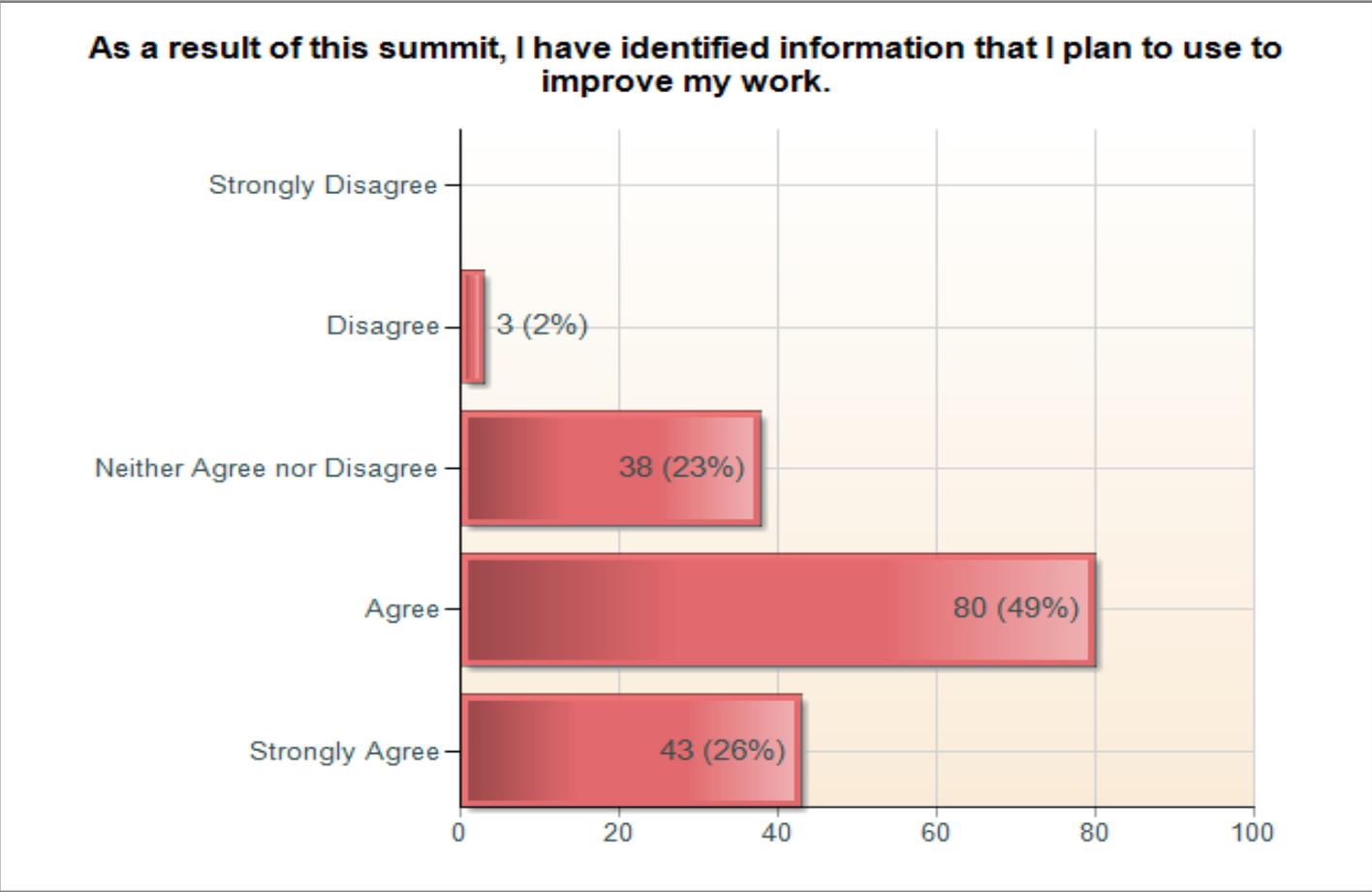
Department of Public Health Science Summit: As a result of the summit, I plan to:
(check all that apply)



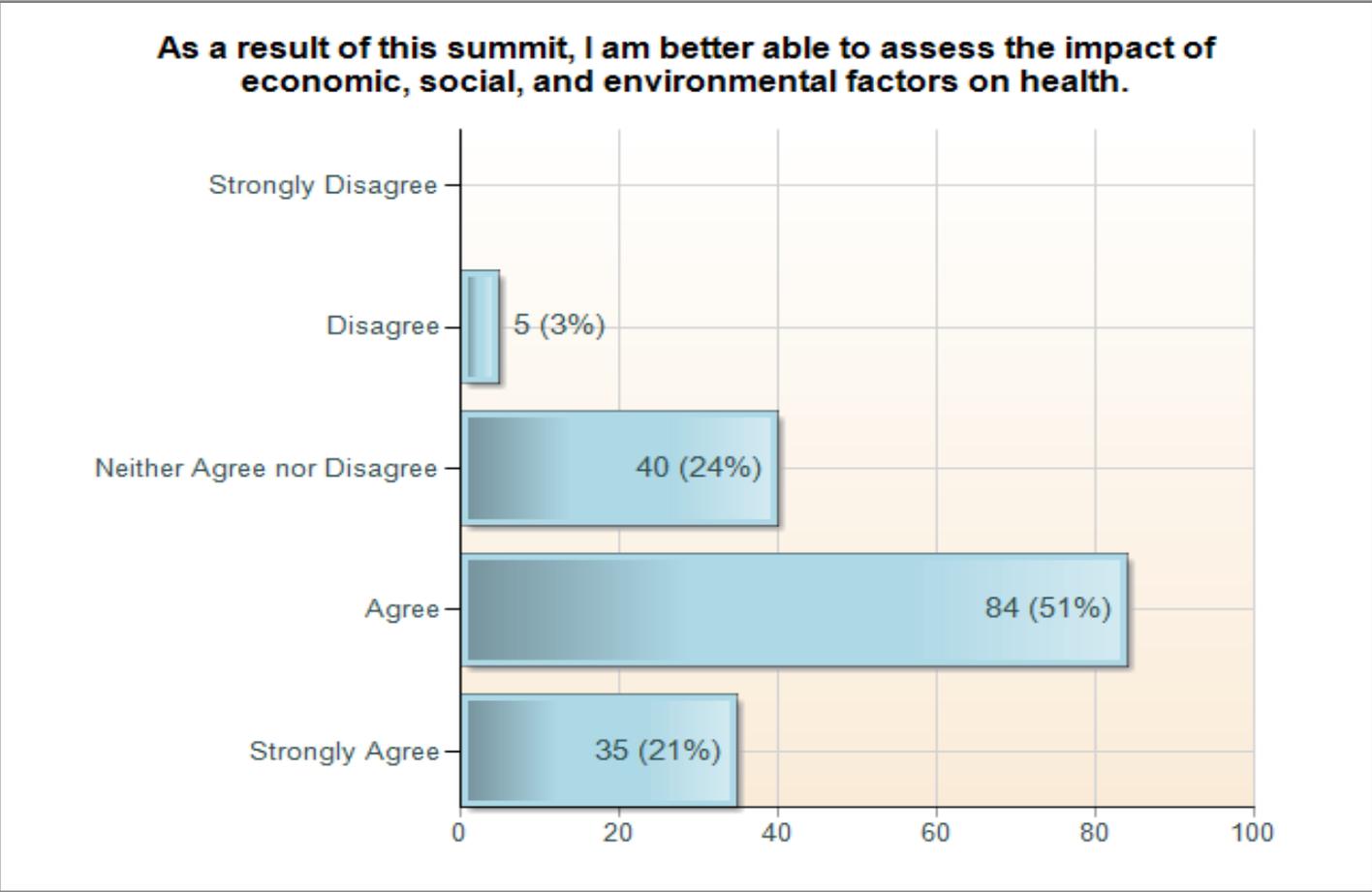
Department of Public Health Science Summit: As a result of this summit, I have gained skills or knowledge that will be useful in my work.



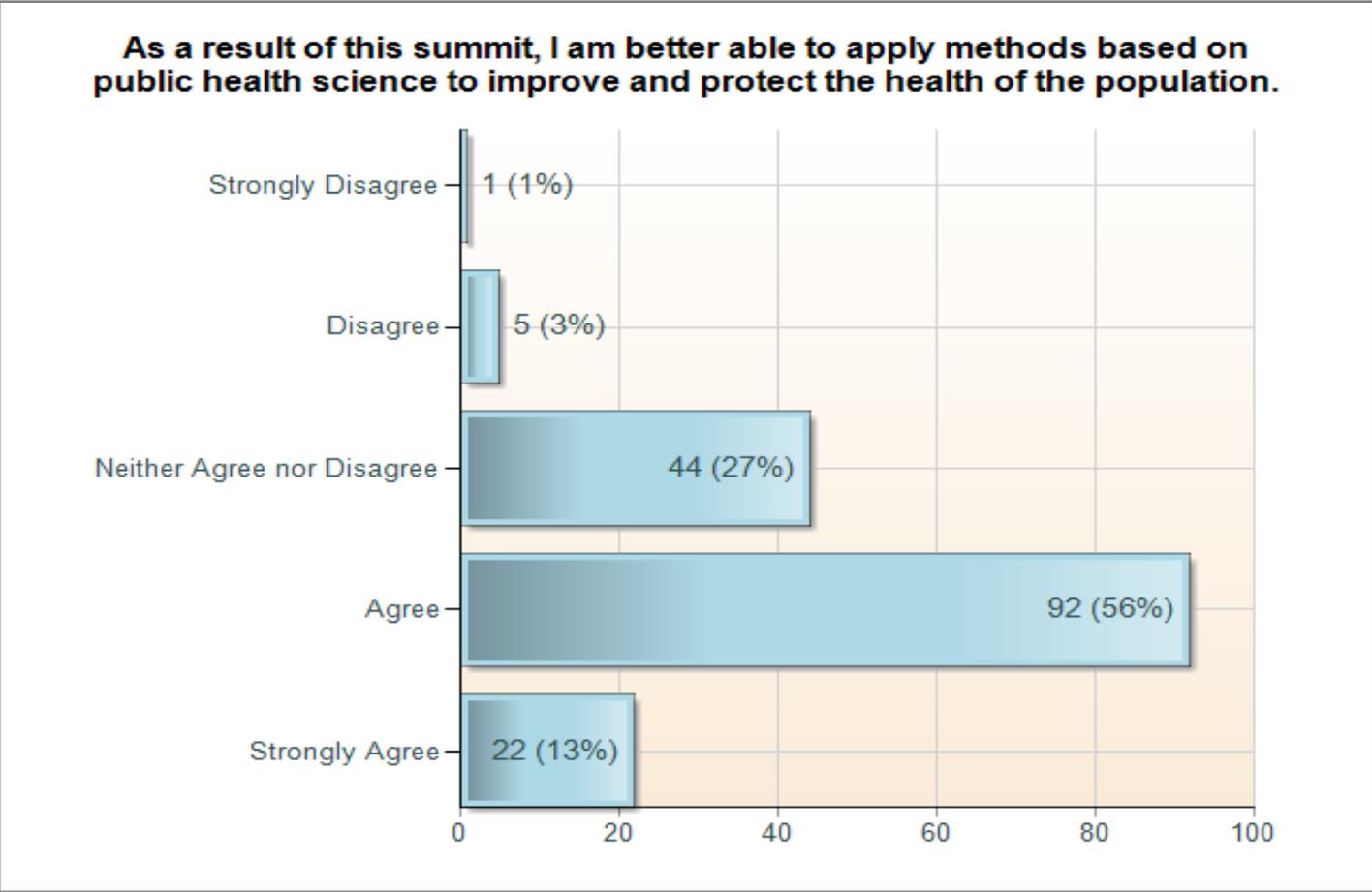
Department of Public Health Science Summit: As a result of this summit, I have identified information that I plan to use to improve my work.



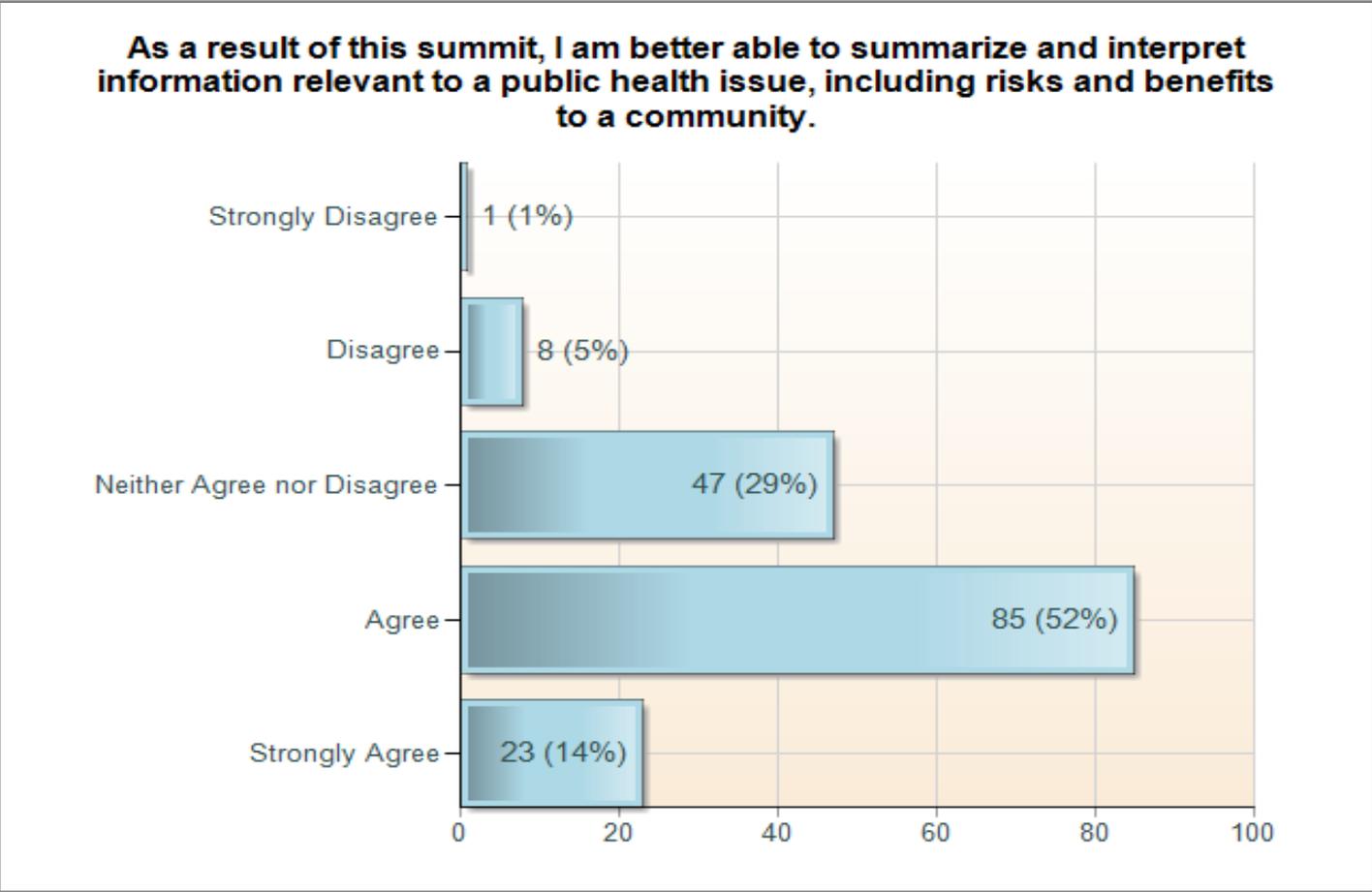
Department of Public Health Science Summit: As a result of this summit, I am better able to assess the impact of economic, social, and enviro ...



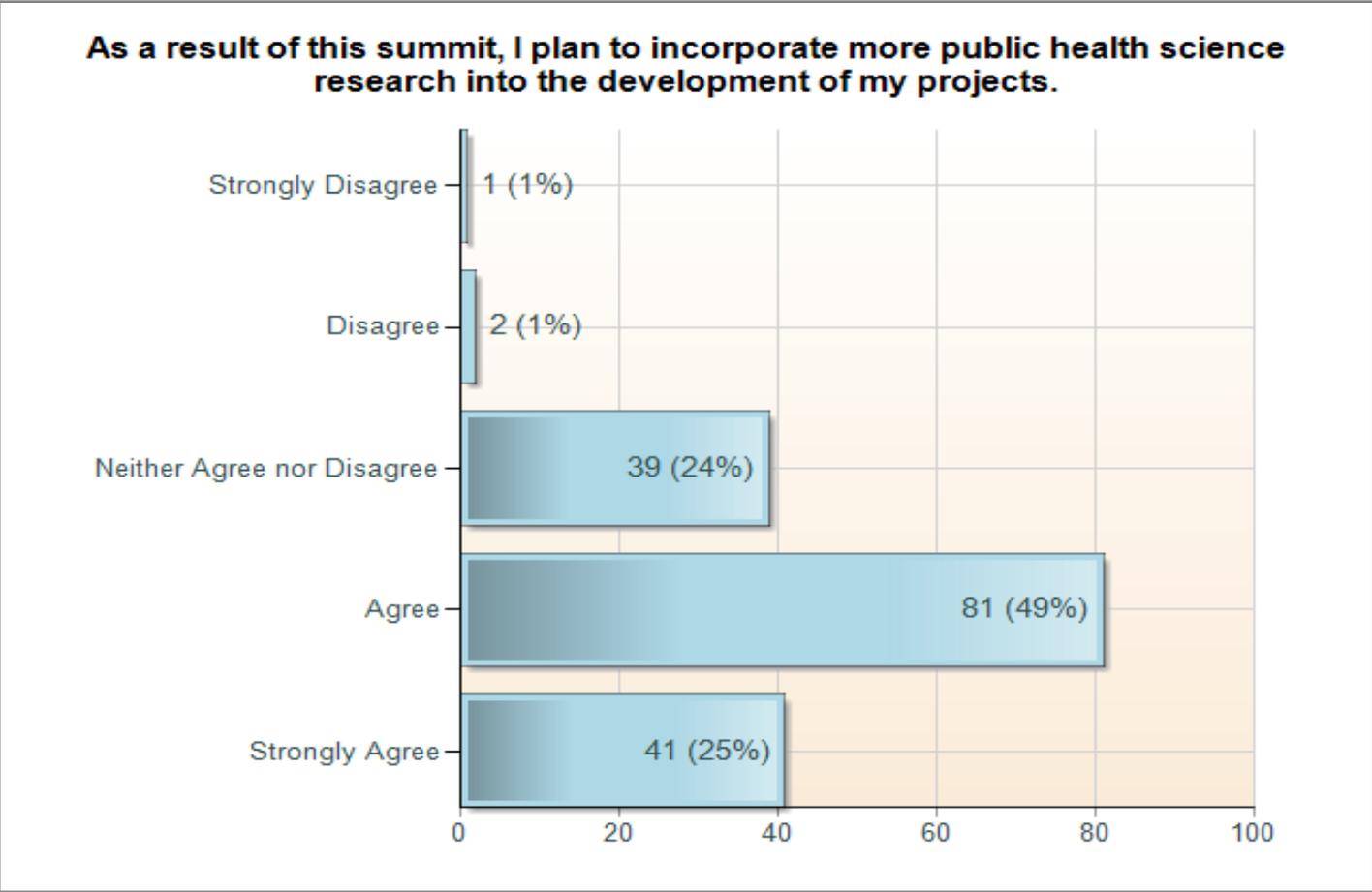
Department of Public Health Science Summit: As a result of this summit, I am better able to apply methods based on public health science to improve and protect the health of the population to i ...



Department of Public Health Science Summit: As a result of this summit, I am better able to summarize and interpret information relevant to a public health issue, including risks and benefits to a community.



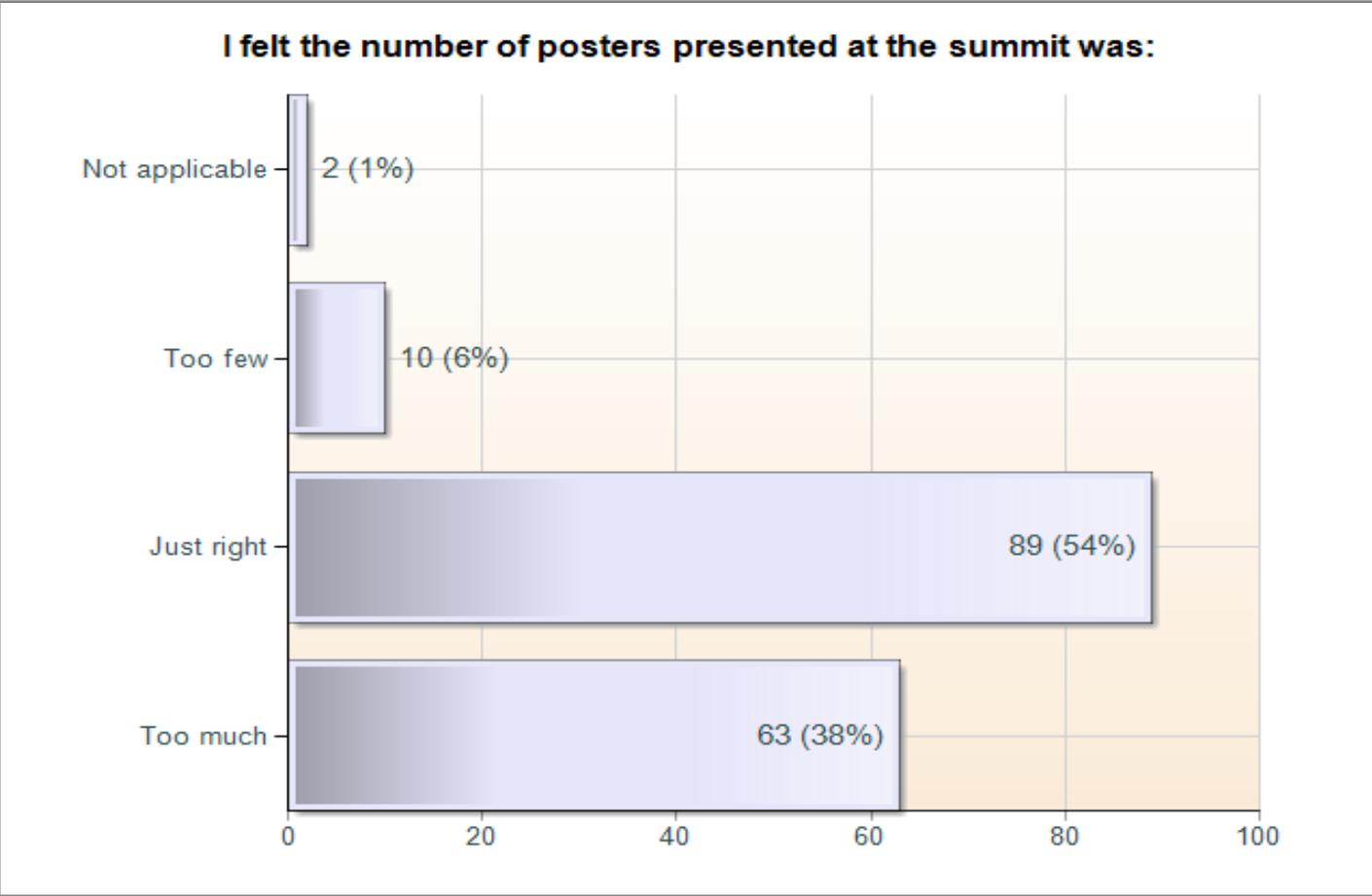
Department of Public Health Science Summit: As a result of this summit, I plan to incorporate more public health science research into the de ...



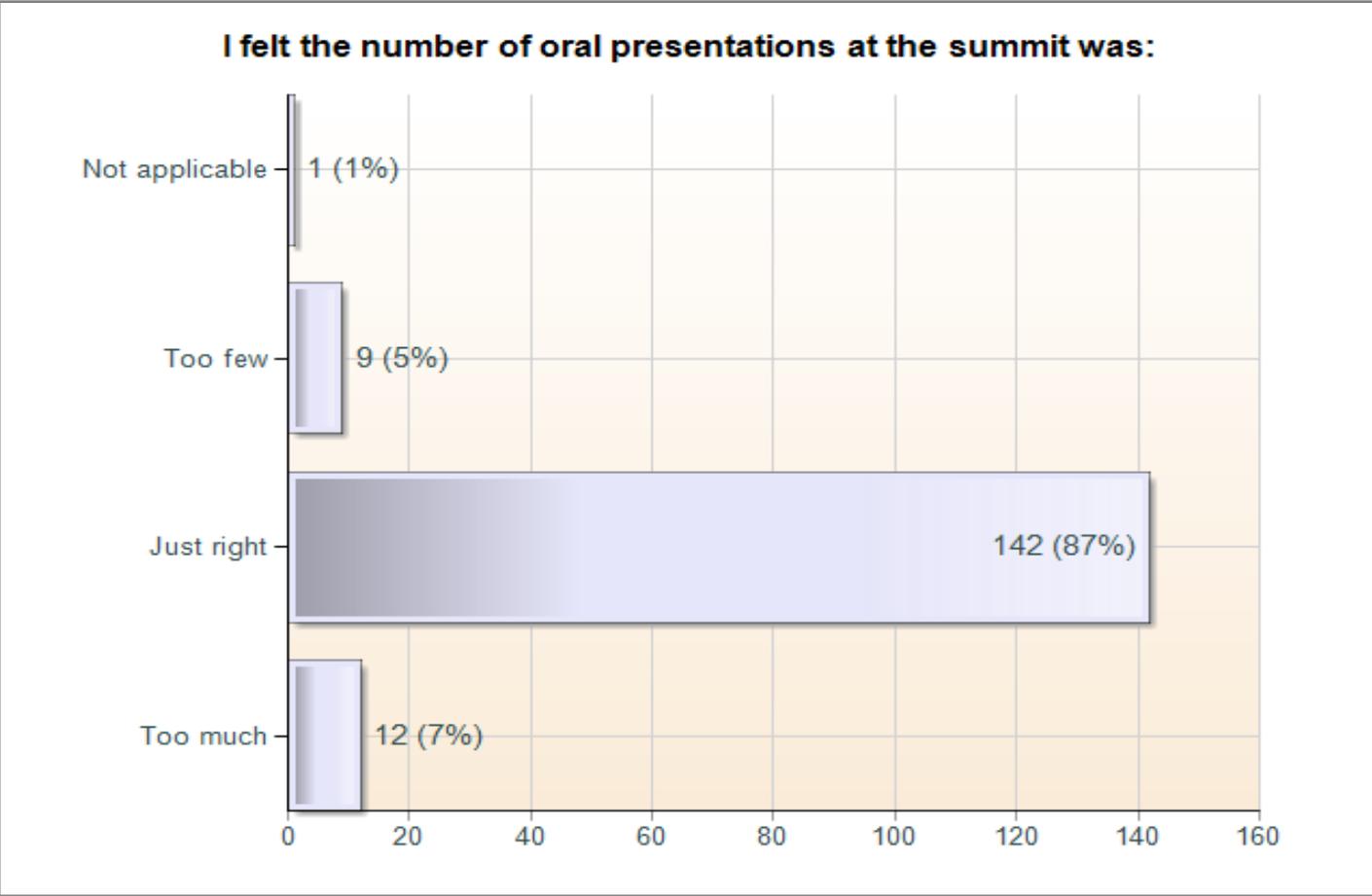
Logistical information



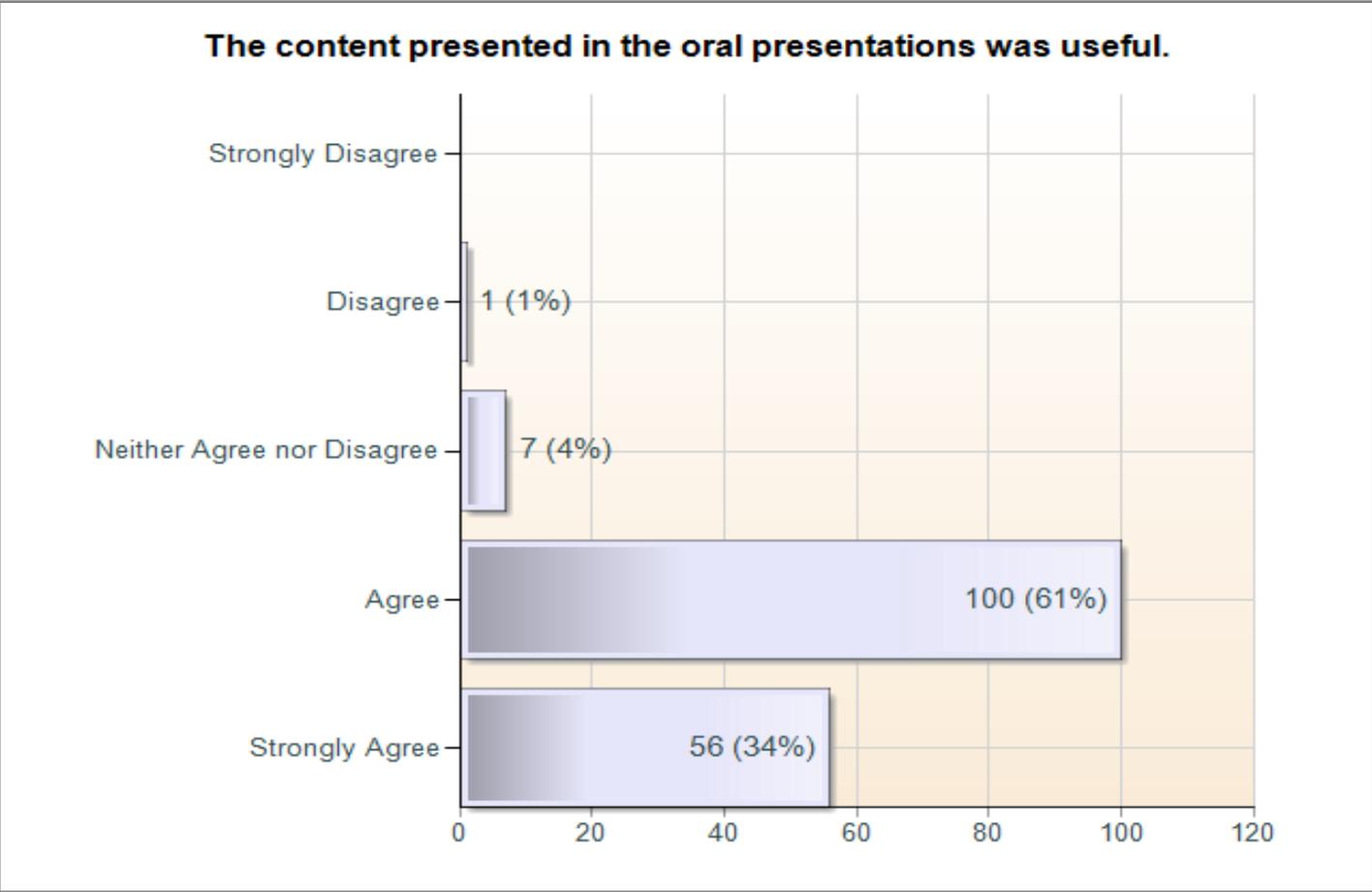
Department of Public Health Science Summit: I felt the number of posters presented at the summit was:



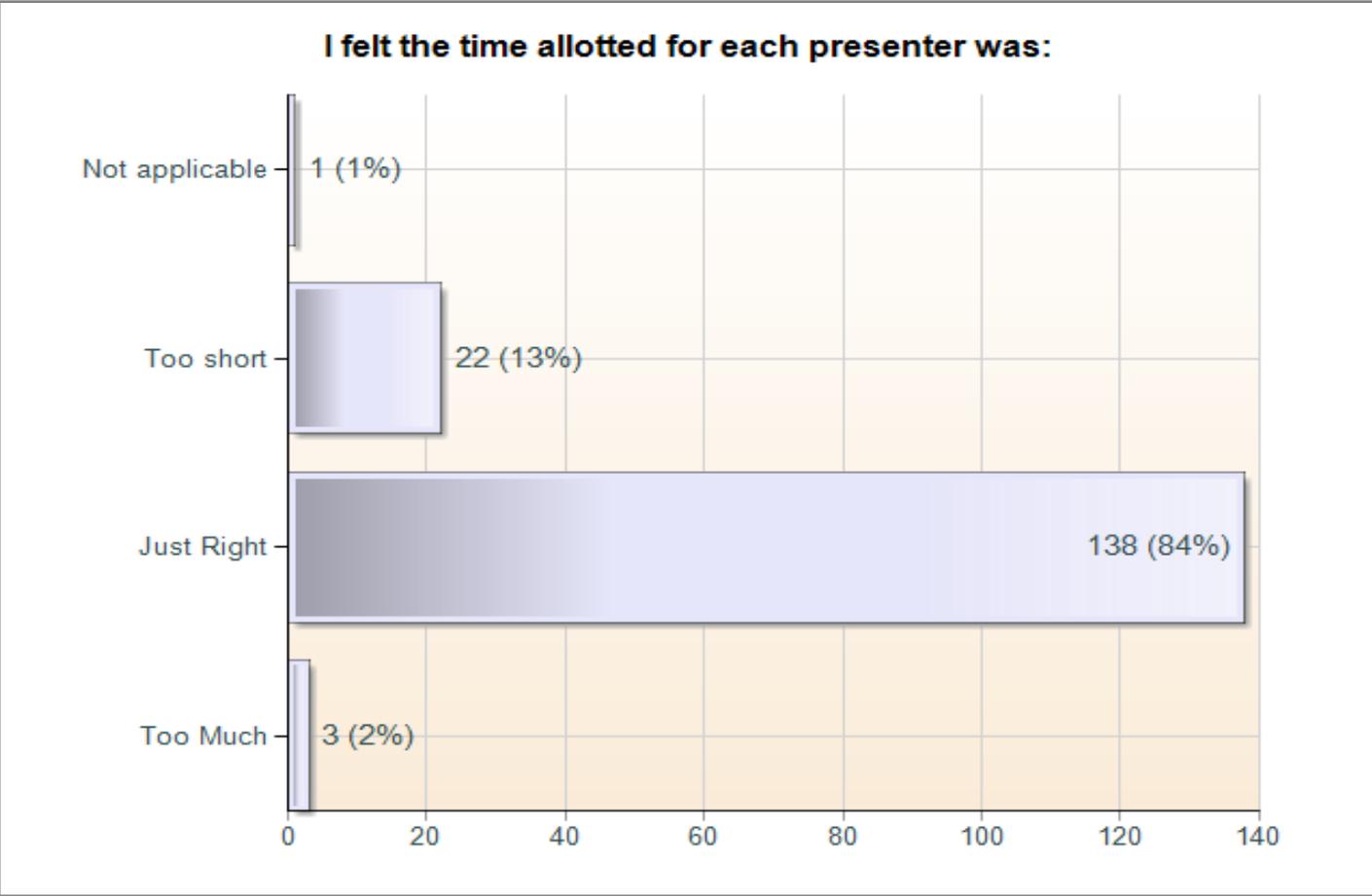
Department of Public Health Science Summit: I felt the number of oral presentations at the summit was:



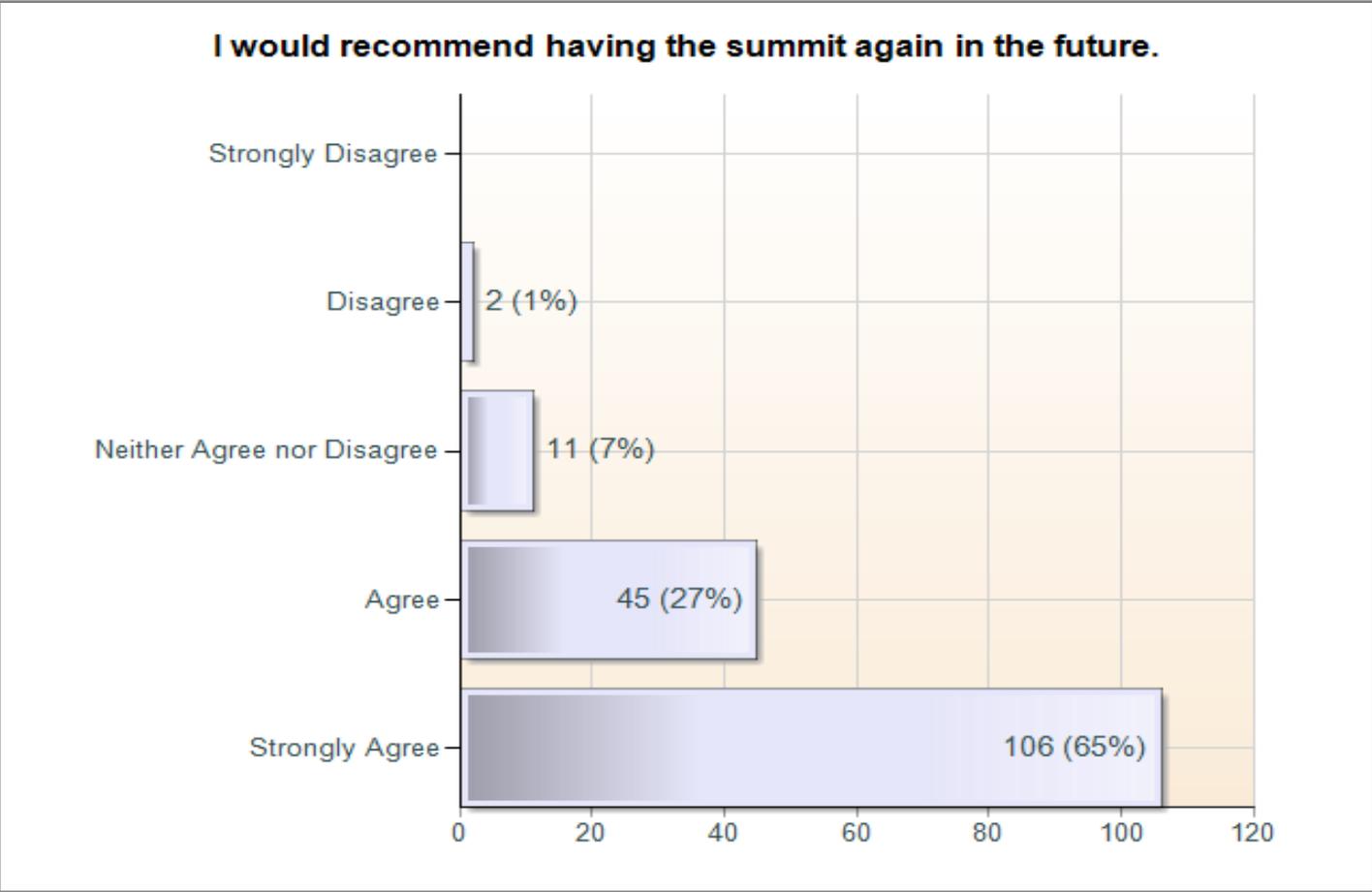
Department of Public Health Science Summit: The content presented in the oral presentations was useful.



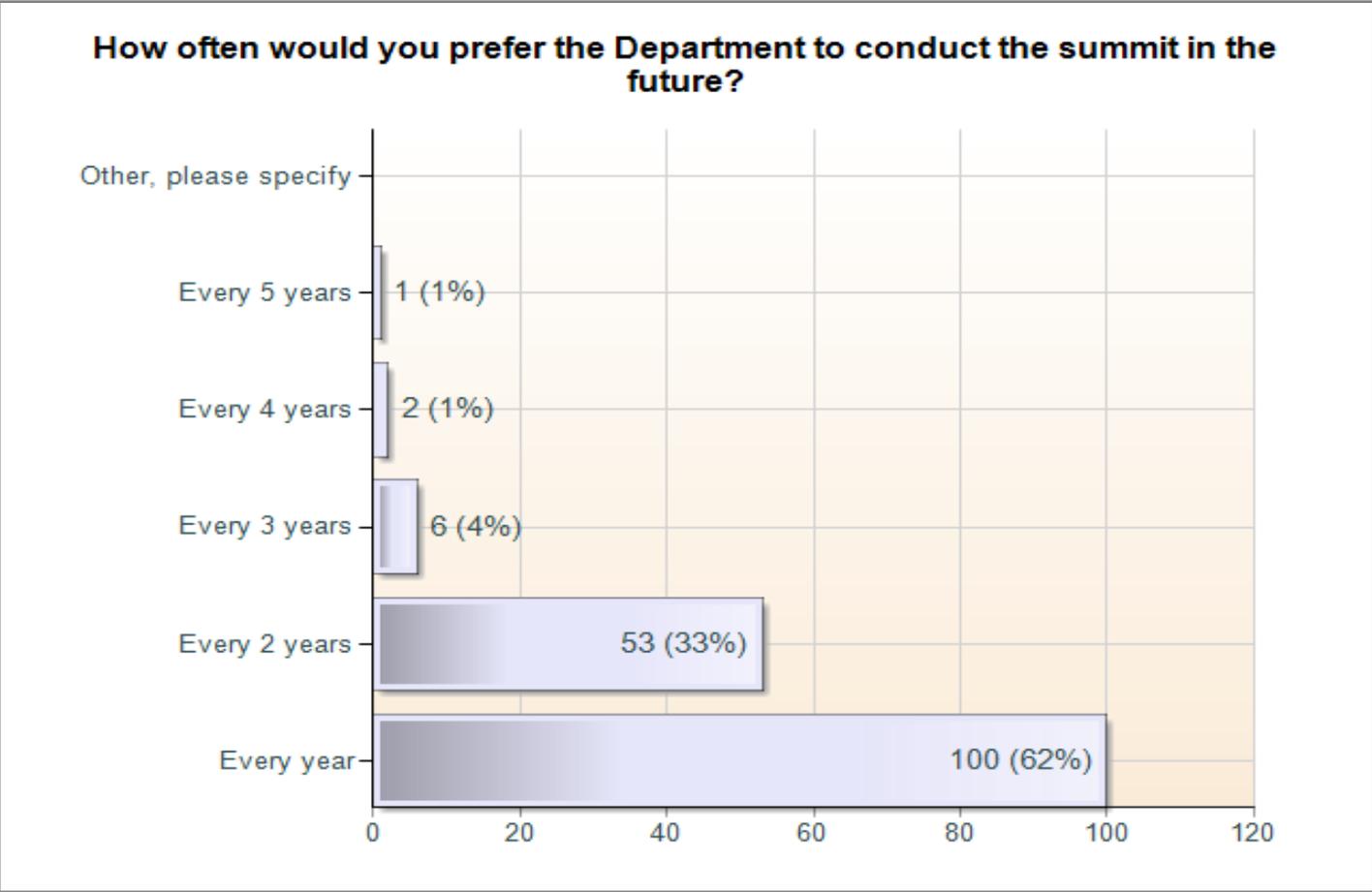
Department of Public Health Science Summit: I felt the time allotted for each presenter was:



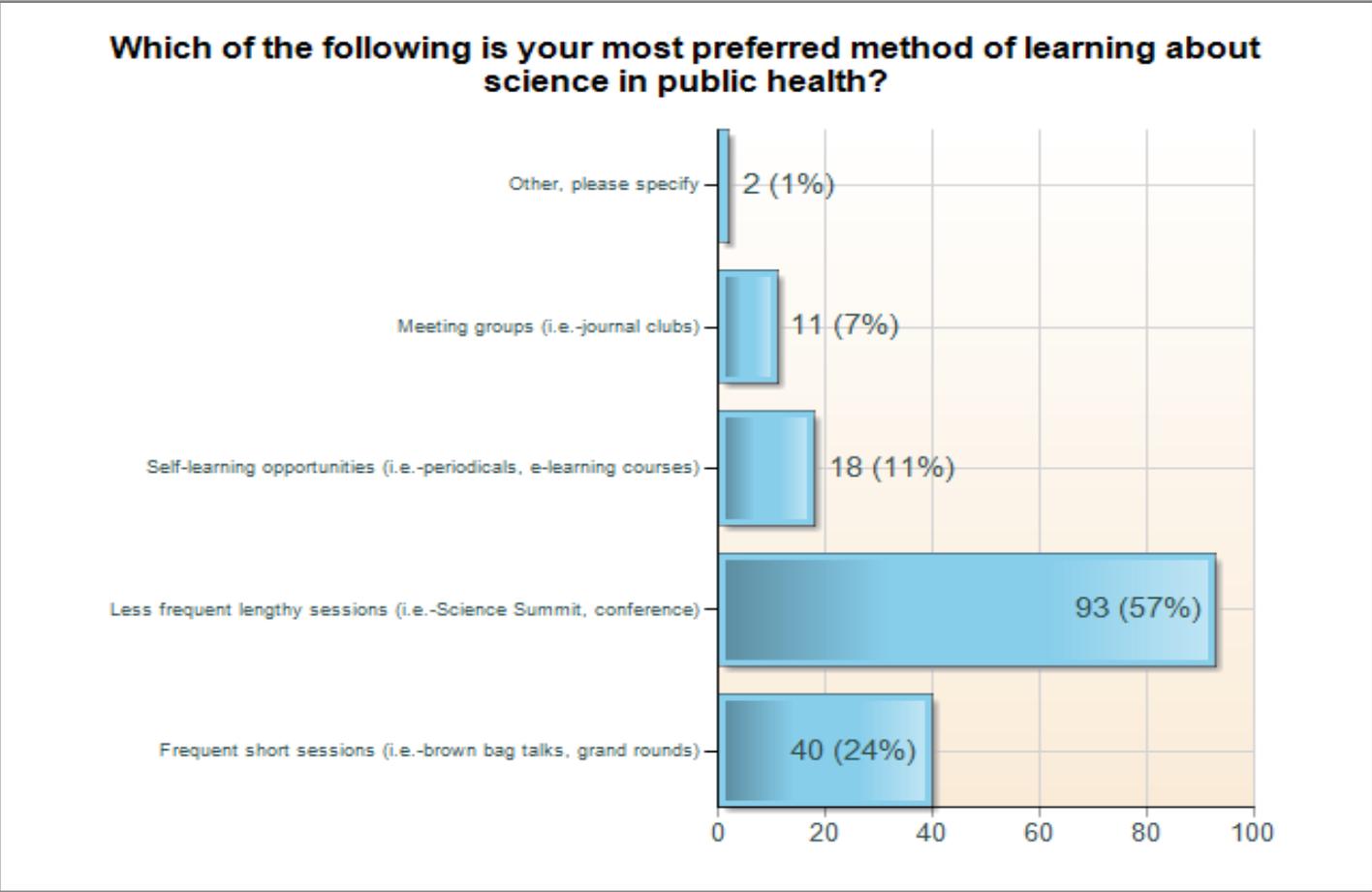
Department of Public Health Science Summit: I would recommend having the summit again in the future.



Department of Public Health Science Summit: How often would you prefer the Department to conduct the summit in the future?



Department of Public Health Science Summit: Which of the following is your most preferred method of learning about science in public health?



Qualitative Comments



Qualitative Comments

- "Thanks! Thanks to you and all the coordinating staff for a wonderful event!! Thanks for the opportunity to share my work and have it be acknowledged. Like I have told many, the awards were just icing on the cake for a wonderful day spent at the Science Summit. Here's to many more years for this new DPH event."
- "Wow! What a day. The enthusiasm and quality of science were great!"



- “I just wanted to thank you and your staff for putting on the most outstanding collective display of County Research that I have seen in the past 30 years. I have always been aware that we have a great deal of wonderful talent but somehow it seemed to be buried in our system. The Summit today reactivated the confidence that I needed to see that we are on the right road. This was truly LAC at our best!”



Lessons Learned for Future Summits:

- Collaboration is a must!
- H1N1 initially derailed the project, plan well in advance
- Streamline registration process
- Select larger venue to allow more participants
- Serve lunch 😊
- More time and space for poster presenters
- Use of electronic games and immediate evaluation engaged participants (reduced evaluation manual tallies and data entry)
- More emphasis on the scientific process and measurements



Review of Learning Objectives and Q &A

By the end of this presentation you will be able to:

1. Name the four units in ODT
2. Explain two justifications for a DPH Science Summit
3. List 2 Oral Panel Session Titles
4. Describe 3 outcomes from the Summit evaluation



Wellness Activity



Erika Siever

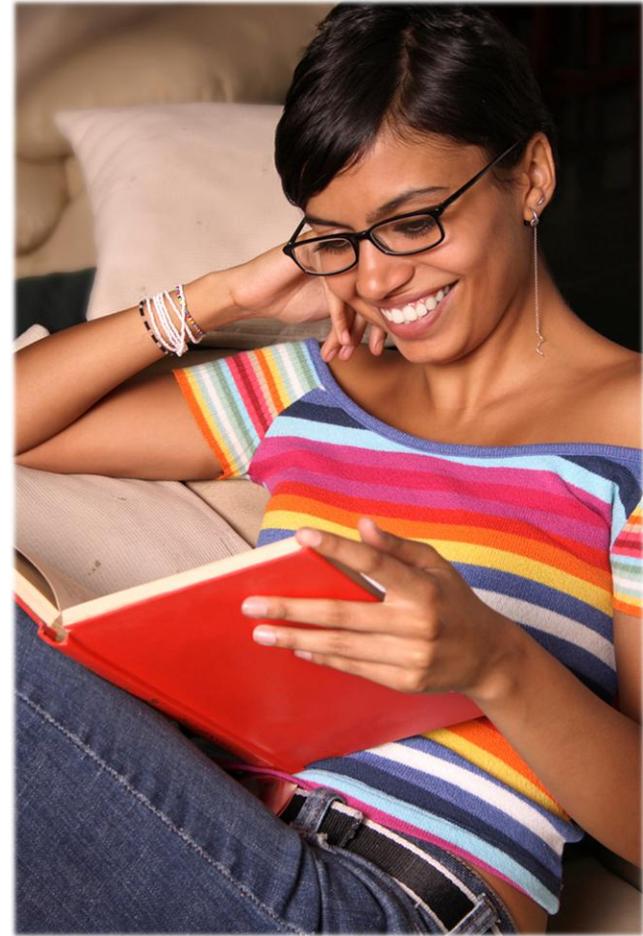
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Journal Club

Sylvia Estafan

Health Education Administration



Journal Article Discussion Questions

1. What factors attribute to the gap between research and practice?
2. What's the difference between efficacy and effectiveness studies?
3. How do the 5 phases of intervention research relate to efficacy and effectiveness studies?
4. What makes the *trickle down model* of how to translate theory into practice, inherently flawed?
5. Public health practice often functions like an effectiveness trial rather than an efficacy trial. How so?
6. How can we address “the question we should ask of both efficacy and effectiveness studies” listed on p. 1264, to better translate theory into practice?
7. How does the lack of attention to generalization and external validity impact the translation of research findings into practice?



Lunch



Wellness Activity

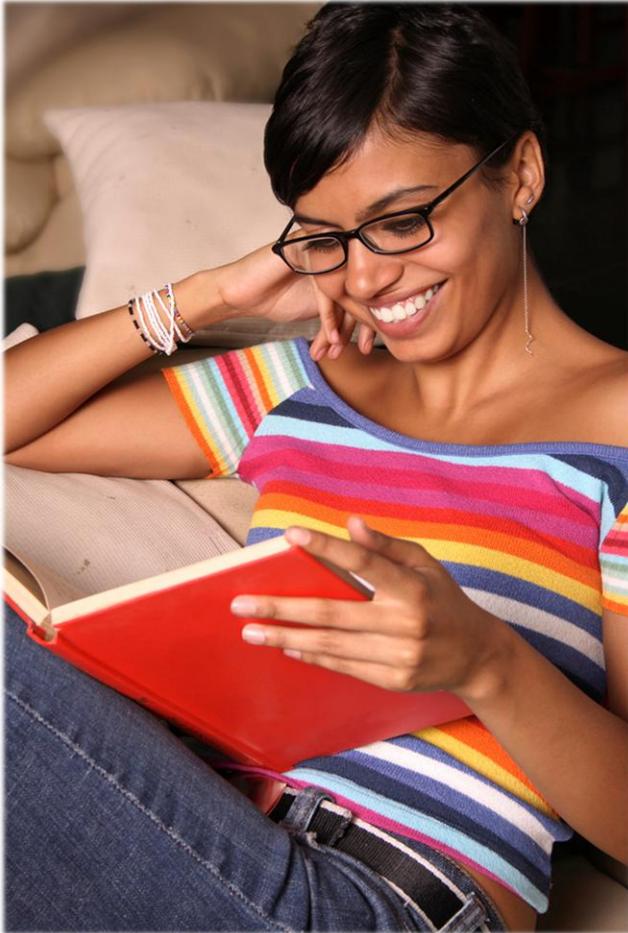


Kim Harrison Eowan

Health Education Administration



Journal Club Re-Cap



Jackie Valenzuela
Health Education Administration



Public Health Science and Practice

Steven Teutsch, MD, MPH
Chief Science Officer





Science-Based Practice and Practice-Based Science

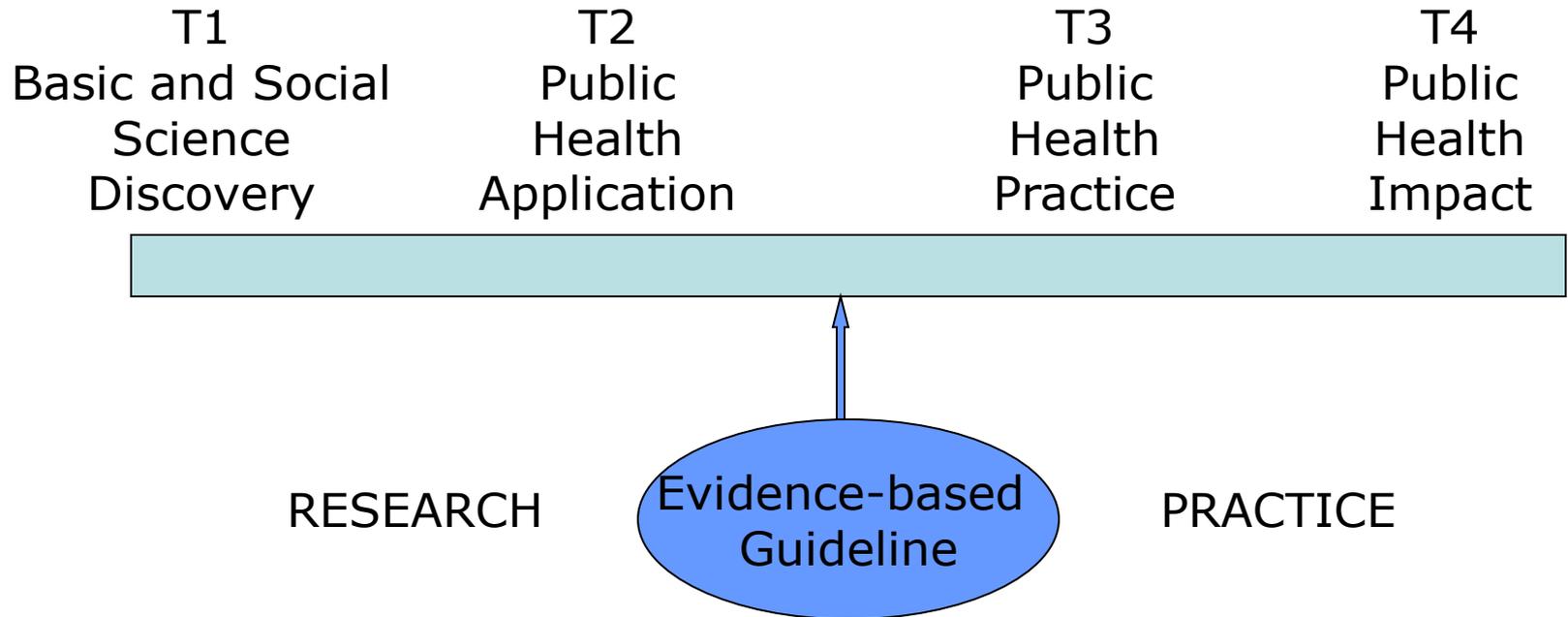


Questions About How We Incorporate Science Into Our Work

- Are your decisions based on evidence, intellectual curiosity, scientific rigor, and expertise in the core sciences of public health?
- Do you regularly read scientific journals, analyze data and information to inform decisions, questioning the "why" of our work, translate science into practice, conduct studies, write publications and give presentations?



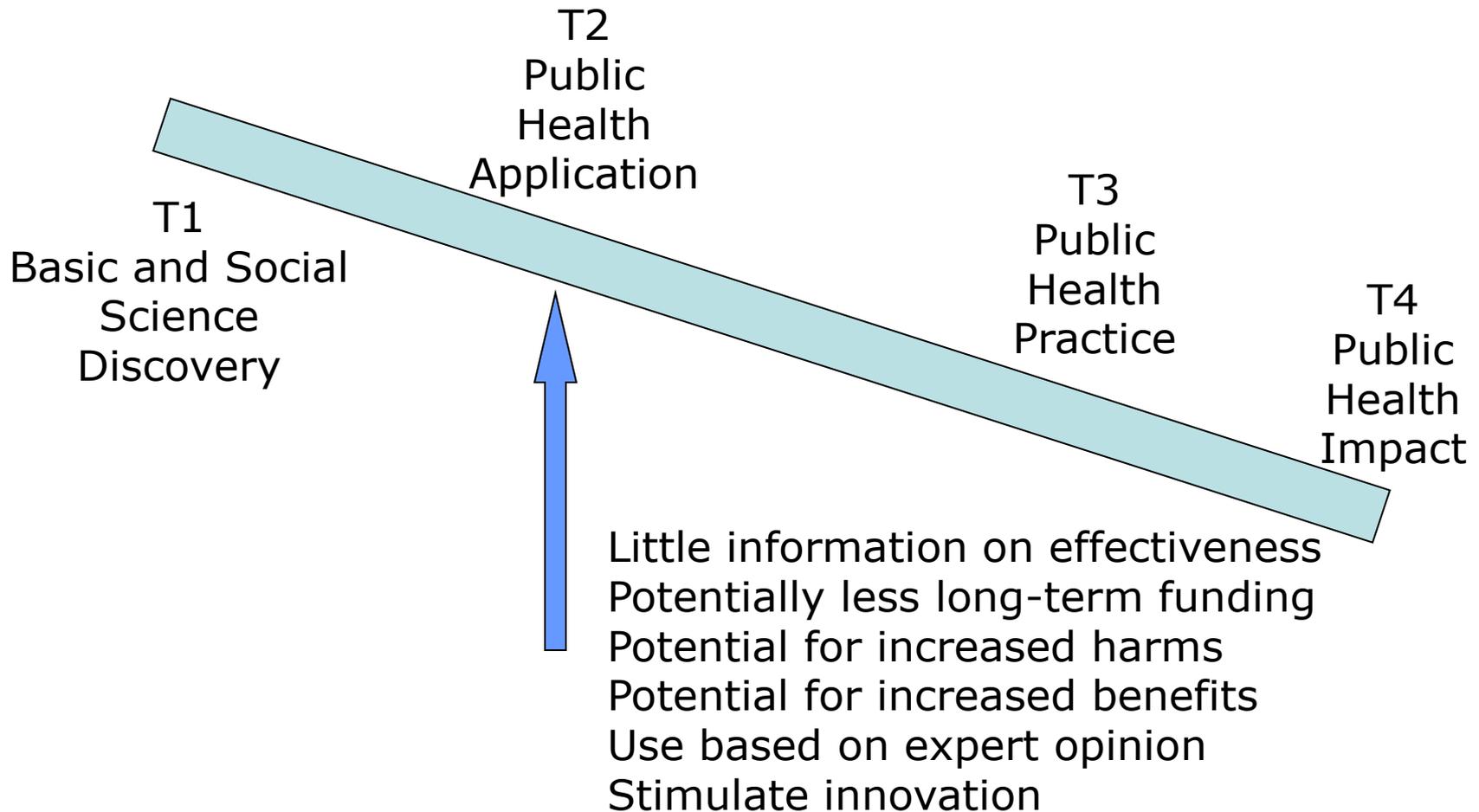
The Translational Process



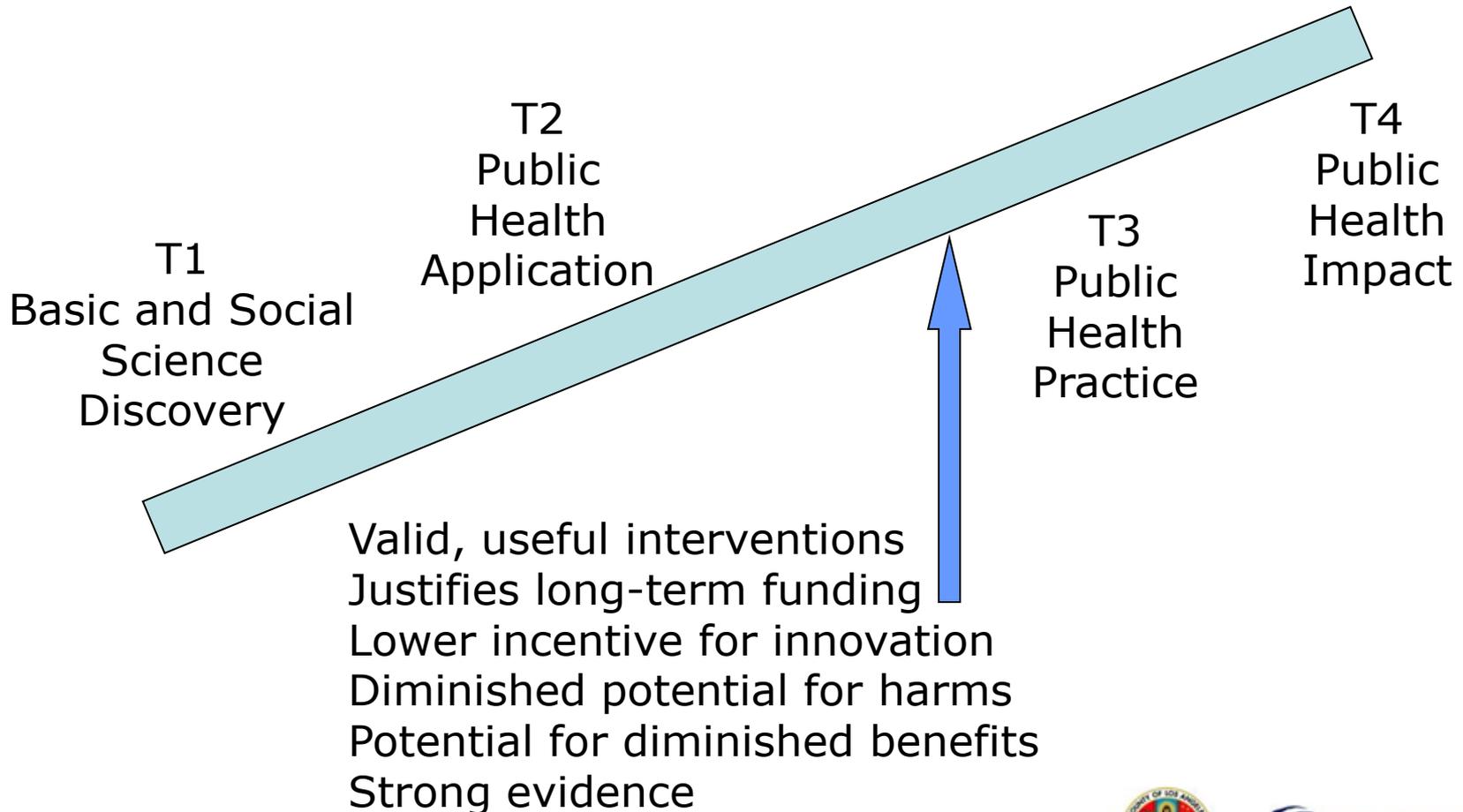
How High Should the Evidence Bar Be?



Lowering the Threshold for Translation into Practice



Raising the Evidentiary Threshold for Translation into Practice

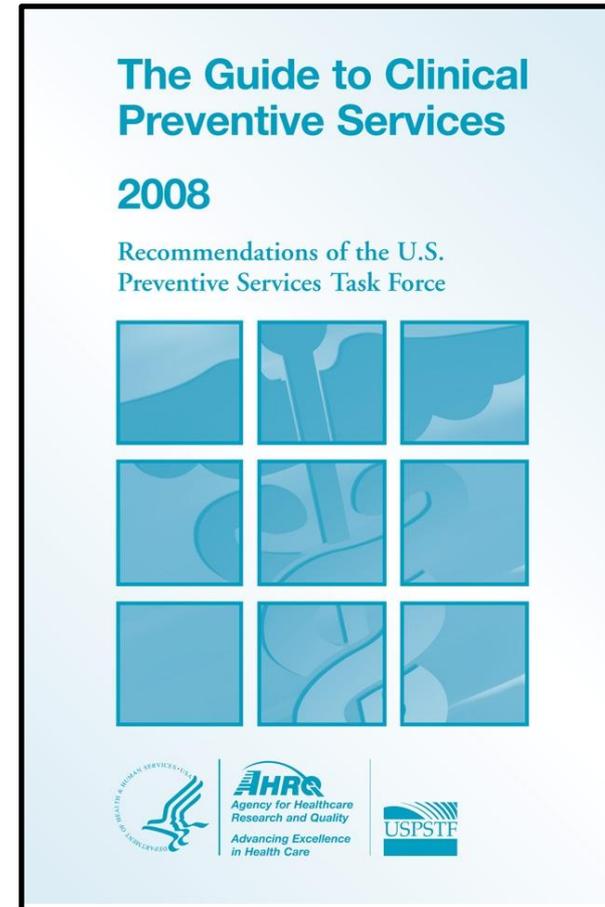
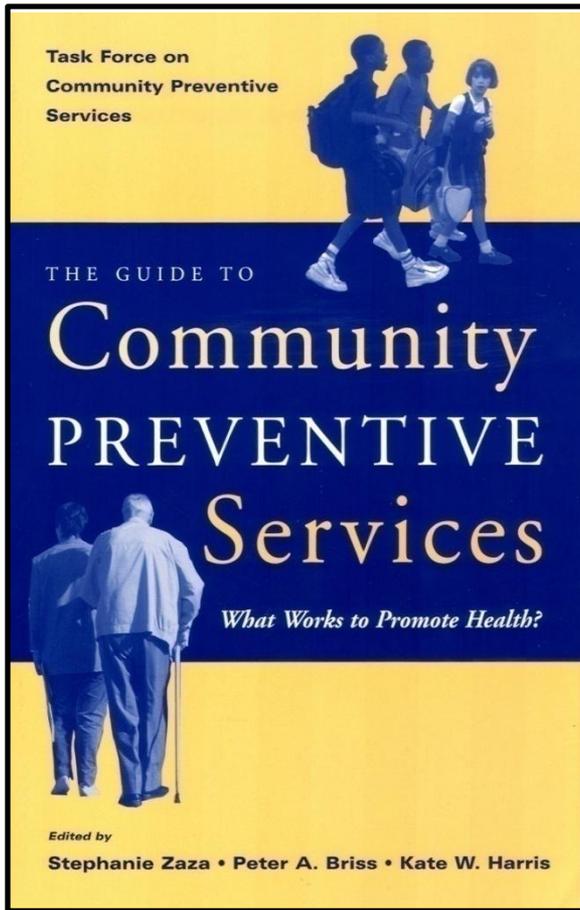


Which of the Following Have You Used Most Frequently?

1. Guide to Community Services
2. US Preventive Services Task Force. Guide to Clinical Preventive Services
3. Cochrane Collaboration
4. None of the above



How Do We Know What Works? Evidence-based Recommendations



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Public health guidance

Public health guidance makes recommendations for populations and individuals on activities, policies and strategies that can help prevent disease or improve health. The guidance may focus on a particular topic (such as smoking), a particular population (such as schoolchildren) or a particular setting (such as the workplace).

Guidance produced by other NICE guidance programmes occasionally makes recommendations that can improve health or prevent disease. See the [full list of NICE guidance that makes public health recommendations](#).

- [Published public health guidance](#)
- [Public health guidance in development](#)
- [About public health guidance](#)
- [Developing public health guidance](#)
- [All NICE guidance related to public health](#)
- [HDA publications](#).



THE CAMPBELL COLLABORATION

What helps? What harms? Based on what evidence?



The Campbell Library

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News

Reduction of bullying in schools

Anti-bullying programs in schools are often effective, according to a new Campbell review.

School bullying, increasingly a topic of both public concern and research efforts, has a serious impact on children – both mentally and physically. Different programs have been implemented to combat the problem but have rarely been evaluated.

[Read more...](#)



Self-Control improvement, children & crime

Self-control improvement programs for children are effective at improving self-control, as well as reducing delinquency and problem behaviors, states a new Campbell review.

[Read more...](#)



Review funding alert update!

The UK Department for International Development (DFID) has released a set of over [40 priority systematic review questions](#) for its cutting-edge call for proposals.

[Read more...](#)



Spotlight Event



Joint Cochrane/Campbell
Co-Colloquium:

**"Bringing evidence-based
decision making
to new heights"**

18-22 October 2010

Keystone, Colorado, US

Improving decision-making through systematic review on the effects of intervention within the areas of education, crime and justice, and social welfare.

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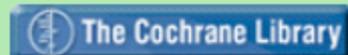
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The Cochrane Library



Issue 2, 2010 of The Cochrane Library now online!

Featured Reviews address Health Benefits of Flexible Working Arrangements: Blood Pressure, Sleep and Mental Health Improve plus two updated Reviews on influenza vaccines and many more topics. [Reviews](#) | [Podcasts](#)



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The Cochrane Collaboration

Improving healthcare decision-making globally, through [systematic reviews](#) of the effects of healthcare interventions, published in The Cochrane Library.

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What is 'Evidence-based Health Care'?

Are scientific methods used to determine which drugs and procedures are best for treating diseases? The answers may surprise you. Modern health care has undergone some dramatic changes over the last couple of decades, thanks in large part to the work of The Cochrane Collaboration. [Read more here.](#)

Independent, reliable

The Cochrane Collaboration is a [global network](#) of dedicated volunteers, supported by a [small staff](#). We rely on grants and donations (see our [funders](#)), and don't accept [conflicted funding](#). You can help too. [Work with us](#) or [help financially](#) or [be a consumer representative](#) in the [Consumer Network \(ccnet\)](#)

Browse by topic:

--Select topic (Review Group)--

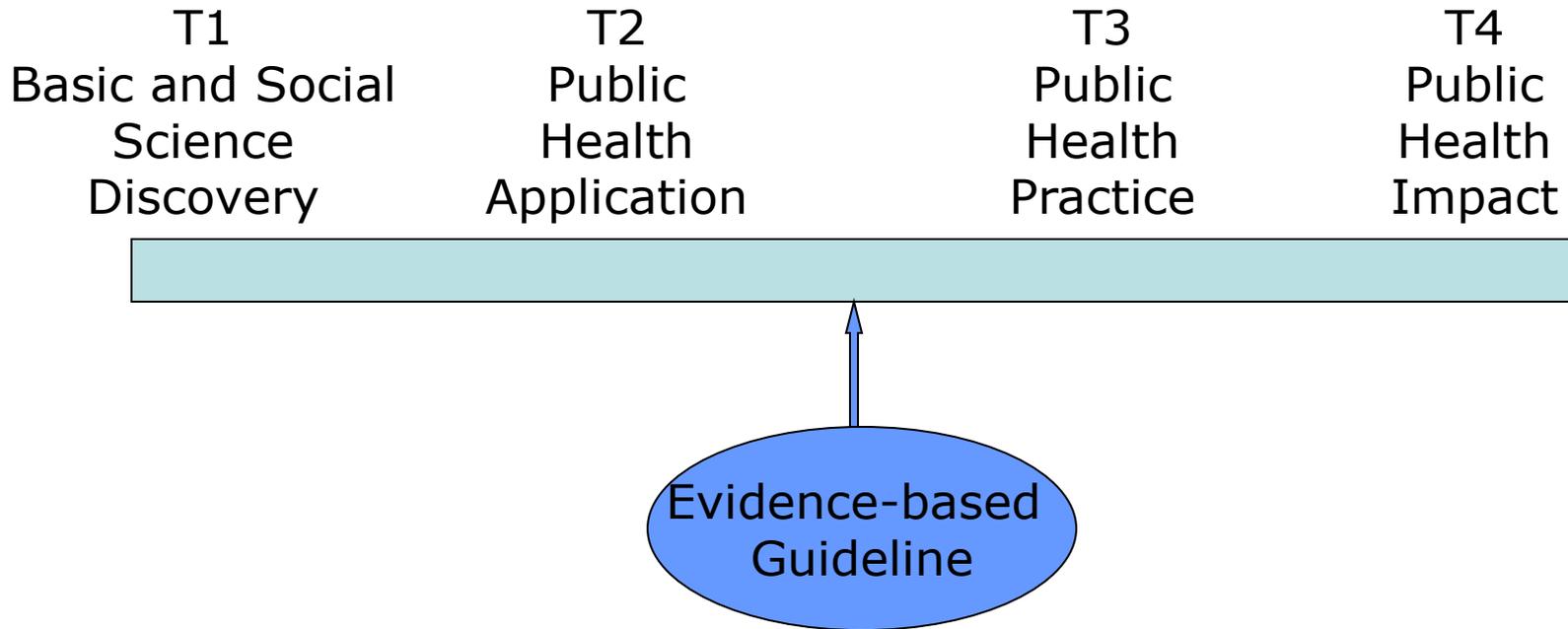
[deutsch](#) [español](#)

This week's featured reviews [\(What's this?\)](#):

Practice-Based Science



Our Science

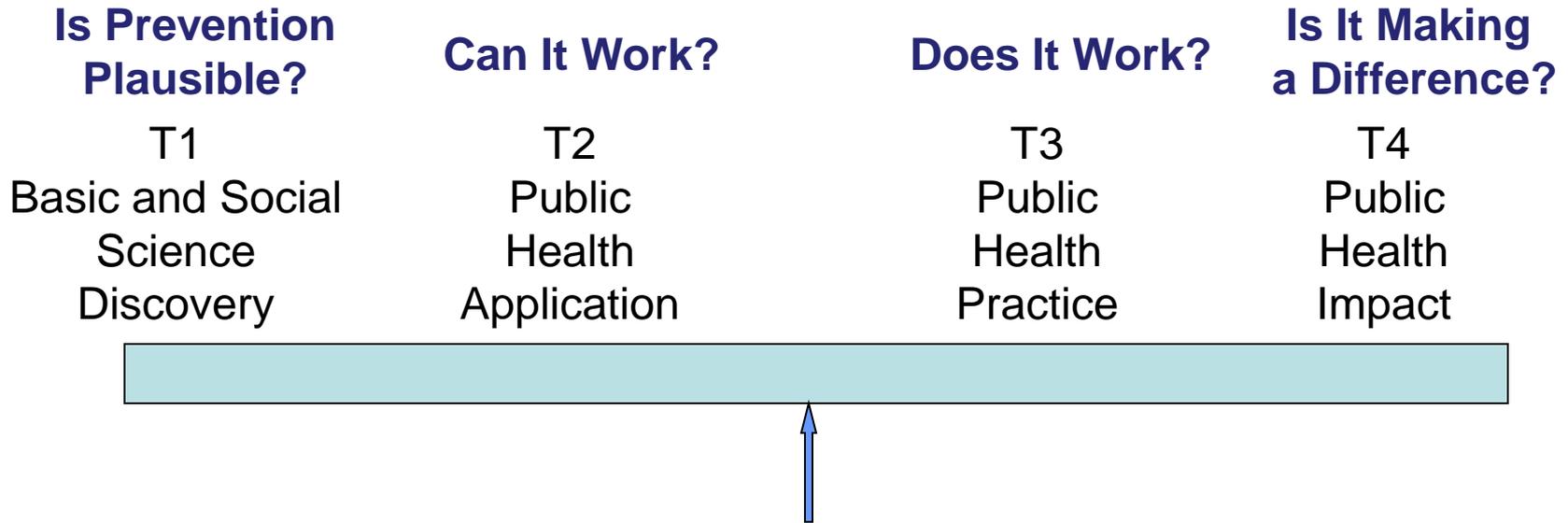


Our Science is Important!

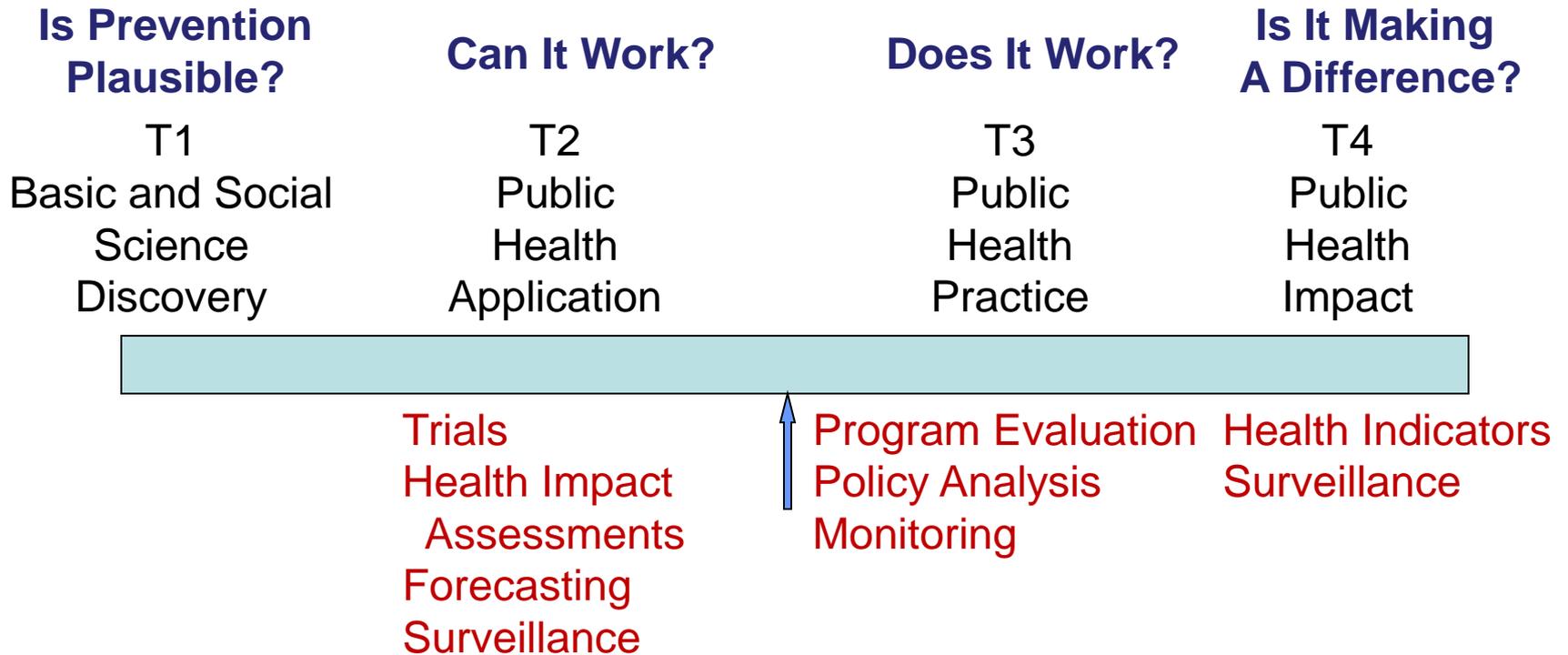
- We have innovative programs
- There are important lessons to be learned
- Others can learn from our experience



Our Science



Our Science



Why Don't We See More Translation of Health Promotion Research to Practice? Rethinking the Efficacy-to-Effectiveness Transition

| Russell E. Glasgow, PhD, Edward Lichtenstein, PhD, and Alfred C. Marcus, PhD

The gap between research and practice is well documented. We address one of the underlying reasons for this gap: the assumption that effectiveness research naturally and logically follows from successful efficacy research. These 2 research traditions have evolved different methods and values; consequently, there are inherent differences between the characteristics of a successful efficacy intervention versus those of an effectiveness one. Moderating factors that limit robustness across settings, populations, and intervention staff need to be addressed in efficacy studies, as well as in effectiveness trials. Greater attention needs to be paid to documenting intervention reach, adoption, implementation, and maintenance. Recommendations are offered to help close the gap between efficacy and effectiveness research and to guide evaluation and possible adoption of new programs. (*Am J Public Health*. 2003;93:1261–1267)

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Scientific Resources

- Find a mentor!
 - Career development
 - Consult on specific studies
- Search the literature
 - Athens
- Study design, conduct, and analysis
- HIPAA and IRB
- Presentations
 - Use presentation guides
 - Rehearse!
- Manuscript Preparation
 - Seek external review
 - Authorship



Which of the Following Would be the Greatest Help to You?

1. A good mentor
2. Training and resources in scientific process
3. Help with literature searches
4. Access to a good writer/editor
5. Other



Upcoming Collaboratives

Date	Time	Location
August 3	9am – 4pm	California Endowment 1000 N. Alameda Ave, LA 90012 Big Sur Room
September 7	9am – 4pm	California Endowment 1000 N. Alameda Ave, LA 90012 Big Sur Room



Wrap-Up & Evaluations

Sylvia Estafan

Health Education Administration



Thank You!

